

ATTACHMENT 13

Patterson Volunteer Fire Department Notification



KEE Environmental Services

Earl J. Eues, Jr., R.E.M.
Environmental Consultant

e-mail: eeuesjr@sw.rr.com

May 10, 2006

Mr. Michael Accardo, Fire Chief
Patterson Volunteer Fire Department
P.O. Box 89
Patterson, Louisiana 70392

**RE: LDEQ Permit Renewal
Omega Waste Management, Inc.
Solid Waste Processing Facility
1900 Highway 90 West
Patterson**

Dear Mr. Accardo,

Omega Waste Management, Inc. has contracted KEE Environmental Services to submit a permit application to the Louisiana Department of Environmental Quality, Office of Environmental Services, Water and Waste Permit Division for renewal of an existing permit to continue operating a non-hazardous industrial waste processing facility. This facility is located in your department's service area at 1900 Highway 90 West just outside the city limits of the City of Patterson. A map showing the location of the facility is enclosed for your review.

We are required by the Louisiana Department of Environmental Quality to advise your department of our intentions and explain the operations of the facility.

The facility will process and recycle non-hazardous industrial and commercial solid waste materials from various industries, including but not limited to, oil and gas facilities (onshore and offshore), car dealers/service centers, refineries, shipbuilders and manufacturers, marine companies, mechanic shops, construction companies and spill response companies.

The non-hazardous materials will consist of, but not limited to, used oil and fuel filters, used glycol filters and media (charcoals), used antifreeze and glycols, oily rags, oil absorbent pads and booms (polypropylene), contaminated cardboard and fibers, creosote boards and debris, woodwastes (pallets and crates), small scrap rubber hoses, uncontaminated barite and cements, used cooking oils and grease, used motor oils and fuels (diesel) and RCRA empty containers made of steel and plastic.

Omega will mandate that all waste materials be sampled and tested according to State and Federal regulations for the determination of hazardous waste. Material will be accepted in drums and bulk packaging. After determining that the materials are not classified as hazardous waste,

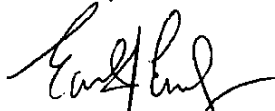
Member of the National Registry of Environmental Professionals

the material will be profiled for acceptance and issued a profile number. Once the waste stream has been profiled and accepted, Omega will make arrangements to have the material picked up for delivery to its facility in Patterson for processing. The material will be visually inspected upon arrival at the facility to insure that the material shipped matches the profiled material. A computerized waste tracking system will be utilized to record incoming and outgoing material. After passing the visual inspection, the waste material will be unloaded into an impervious concrete containment and loaded into a shredder for size reduction. The shredded material will then be conveyed to a precrusher/compactor to remove as much free oil and other liquids as possible. The material will then be pushed into a 40 yard compactor box for transportation to a recycling facility for further processing. The concrete containment, shredder, precrusher/compactor and 40 yard compactor box will be housed inside of a large metal building allowing for all processing to occur on an impervious surface and not affected by rainfall. All oil and liquids received from clients and generated from the process will be stored in bulk storage tanks with appropriate containment. As the bulk storage tanks become full, they will be emptied by a permitted reclaimer for recycling. Bulk storage tanks will be provided for used oil (100 barrels), used antifreeze and glycols and cooking oils.

The majority of the materials that will be accepted at the facility are materials that are present at commercial establishments in your service area or pass through the area on local transportation routes. The facility will have an emergency operations plan and a safety training program.

Please feel free to contact Omega Waste Management, Inc. at 985-399-5100 for information regarding the facility. Mr. Joe Al Berry and I are available to address your department at its monthly meeting to discuss the operations of the facility.

Sincerely,



Earl J. Eves, Jr., R.E.M.
Environmental Consultant

Enclosure
/EE

EMERGENCY and SPILL RESPONSE PLAN



1900 Highway 90 West
Patterson, Louisiana
St. Mary Parish

Date: May 10, 2006
Prepared by: Earl J. Eues, Jr. - KEE Environmental Services
Approved by: Joe'al Berry, President – Omega Waste Management, Inc.

1. Scope of Plan

This emergency response plan is prepared to assist personnel of Omega Waste Management, Inc. 1900 Highway 90 West, Patterson, Louisiana in preparing for and responding to accidents, fires, explosions, or environmental emergencies.

2. Safety

Responding to accidents, fires, explosions, and environmental emergencies requires prompt and resolute action. Unfortunately, it is easy to get caught up in the excitement of the moment and lose sight of one very important factor: The fundamental purpose of emergency response is to protect lives and not endanger them. It would be tragic, indeed, if in saving one life, others were lost in the process. Therefore, at all times, **KEEP SAFETY FIRST!**

3. Reporting of Work Related Emergencies

3.1 Employee Responsibility

- 3.1.1 Any employee discovering or witnessing an emergency, including accidental releases, shall immediately shut-down operations if it can be done safely. If the employee does not feel that the operations can be shut-down safely, he/she shall immediately evacuate the facility and contact his immediate supervisor. In the event of a fire, explosion or accidental injury to an employee, 911 shall be called immediately. In the event of an accidental release to the environment, the source of the release shall be stopped immediately and contained.
- 3.1.2 The employee is responsible for becoming familiar with all exits and emergency shut downs for all pieces of equipment operating in the processing area. In the event of an emergency caused by an accident, fire, explosion, etc., the employee shall immediately notify his or her supervisor. If the supervisor is unavailable, the employee shall immediately contact **Scott Berry** or **Debra Rhoades**.

4. Reporting of Emergencies

4.1 Employee Responsibility

- 4.1.1 Any employee having information regarding an actual, threatened, or suspected non-routine accidents, fires, explosions, or release of oil or a chemical into the air, sewer, storm water, well, or groundwater shall immediately contact his or her supervisor. If the supervisor is unavailable, the employee shall immediately contact **Scott Berry** or **Debra Rhoades**.

4.2 Supervisor Responsibilities

- 4.2.1 The supervisor or (designate) shall immediately contact, **Scott Berry** or **Debra Rhoades** who shall serve as the Emergency Coordinator.
- 4.2.2 If the condition creates a hazard to employees or others working in the area, the supervisor will advise those persons to leave the area and to stay out until it is safe to return. If appropriate, warning signs will be posted.

4.2.3 If anyone has been injured or overcome by exposure to the fire, explosion or environmental release, the supervisor will arrange for medical help. (See Appendix B for the telephone numbers of nearby hospitals and ambulance services.)

4.2.4 If the emergency involves fire or explosion, the supervisor will immediately contact the Patterson Volunteer Fire Department by dialing 911.

4.3 Emergency Coordinator Responsibilities

4.3.1 Upon learning of an emergency, the Emergency Coordinator will obtain the basic facts and make an initial assessment of the situation. If, in the opinion of the Emergency Coordinator, adequate measures have not been taken by the supervisor (See 3.2.2-3.2.4.), the Emergency Coordinator will take such additional action as necessary to protect employees and property.

4.3.2 If the emergency involves a continuing release to the environment that can be stopped without endangering health and safety, the Emergency Coordinator will, with the help of others, take such steps as necessary to stop or control the release. Before taking such measures, it may be necessary to use protective clothing and/or personal protective equipment. (See Appendix C of this plan for a list of such clothing and equipment.)

4.3.3 If the fire, explosion or environmental release is spreading or in danger of spreading to a larger area, and the spread of a spilled material may be contained without risking health and safety, the Emergency Coordinator will take such steps as are reasonable to contain the fire or release. It may be necessary or advisable to make use of protective clothing or other personal protective equipment.

4.3.4 If the emergency poses a threat to the health or safety of persons outside the facility, the Emergency Coordinator will notify the local government authorities at the St. Mary Sheriff's Department and the Patterson Police Department by dialing 911 and/or the affected persons.

4.3.5 The Emergency Coordinator will contact necessary personnel or response contractors to facilitate response and clean up activities.

5. Government Notifications

5.1 Once the safety and health of personnel has been assured and the emergency has been brought under control, a determination must be made as to whether or not government authorities must be notified. Note that a single environmental emergency may require reporting to several government authorities.

5.2. The Emergency Coordinator will follow through each of the applicable checklists in the Emergency Response Plan to determine the specific notification requirements and assure that each required report is made in a timely manner. Evenings and weekends are no exception to the notification requirements.

5.3. In preparing for and in reporting the emergency to government personnel, the Emergency Coordinator will complete the Emergency Reporting Form.

6. Follow-up

- 6.1 The Emergency Coordinator will, as appropriate, keep government personnel informed as to the progress in connection with the incident.
- 6.2. If required by law, the Emergency Coordinator will also prepare a written report to government authorities in a timely manner.

Appendix A. Facility Personnel**I. Facility Personnel who may be contacted:**

Name and Title	Home Number	Pager Number
Scott Berry Owner/Operations Manager	(985) 399-4415	(985) 397-4415
Debra Rhoades General Manager	(985) 399-6511	(985) 397-0517

II. Response Contractors who may be contacted:

Company Name	Contact	Office Number	24 Hour Number
AMPOL	Joe Celestine	(337) 365-7847	(337) 365-7847
ES&H, Inc.	Trey Boucvault	(985) 851-5350	(985) 851-5350

Appendix B. Telephone Numbers for Emergency Response Organizations and Governmental Agencies

Organization	Phone Number
Acadian Ambulance Service, Inc.	911 or 311
Teche Regional Medical Center Emergency Room	380-4434
Patterson Fire Department	911 or 395-3636
St. Mary Parish Sheriff's Office	911 or 384-1622
Patterson Police Department	911 or 395-6161
National Response Center	1-800-424-8802
Louisiana State Police Hazardous Material Incident Hotline	1-877-925-6595
Louisiana Department of Environmental Quality Hotline	1-888-763-5424

Appendix C. Personal Protective Equipment and Other Emergency Response Equipment

Description	Location	Checked By:	Date Checked:
Fire Extinguishers	Various Locations		
Tyvek Suits	Warehouse Manager's Office		
Eye Goggles	Warehouse Manager's Office		
Rubber Gloves	Warehouse Manager's Office		
Absorbents	Warehouse Manager's Office		
Drums & Containments	Shop Area & Auxiliary Building		

ATTACHMENT 14

Manifest and Profile Forms

(Original)

OMEGA **Waste Management, Inc.**

Waste Profile Sheet Code

S-

This form is to be used to comply with the requirements of a waste agreement.

(Shaded areas for contractor use only)

Expiration Date:

Renewal Date:

INSTRUCTIONS FOR COMPLETING THIS FORM ARE ATTACHED

A. WASTE GENERATOR INFORMATION

1. Generator Name: _____ 2. SIC Code: _____
3. Facility Address (site of waste generation): _____
4. Generator City, State: _____ 5. Zip Code: _____
6. Generator USEPA/Federal ID: _____ 7. State ID #: _____
8. Technical Contact: _____ 9. Phone: _____

B. WASTE STREAM INFORMATION (See Instructions)

1. Name of Waste: _____
2. Process Generating Waste: _____
3. Annual Amount: _____ 4. Type A ☐ Type B ☐
5. Special Handling Instructions/Supplement Information: _____
6. Incidental Waste Types and Amounts: _____

C. TRANSPORTATION INFORMATION

1. Method of Shipment: ☐ Bulk Liquid ☐ Bulk Sludge ☐ Bulk Solid ☐ Drum Box ☐ Other _____
2. Supplemental Shipping Information: _____
3. Is this a DOT hazardous material? ☐ No ☐ Yes

D. PHYSICAL CHARACTERISTICS OF WASTE (See Instructions)

1. Color	2. Does waste have strong incidental Odor?		3. Physical State @ 70°F/21°C:	4. Layers	5. Specific Gravity
	No <input type="checkbox"/>	Yes <input type="checkbox"/>	Describe	<input type="checkbox"/> Solid <input type="checkbox"/> Semi Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Powder <input type="checkbox"/> Other:	<input type="checkbox"/> Multi-layered <input type="checkbox"/> Bi-layered <input type="checkbox"/> Single Phased Range
6. Free Liquids <input type="checkbox"/> Yes <input type="checkbox"/> No Volume %	7. pH <input type="checkbox"/> <2 <input type="checkbox"/> 4-7 <input type="checkbox"/> 7-10 <input type="checkbox"/> Range <input type="checkbox"/> >2.4 <input type="checkbox"/> 7 <input type="checkbox"/> 10-12.5 <input type="checkbox"/> N/A		8. Flash <input type="checkbox"/> Closed Cup <input type="checkbox"/> Open Cup <input type="checkbox"/> None <input type="checkbox"/> 140 - 199°F/60°-93°C <input type="checkbox"/> <140°F/60°C <input type="checkbox"/> >200°F/93°C		

E. CHEMICAL COMPOSITION

1	Range (Min-Max)	2. Does the waste contain any of the following? Provide concentrations if known. NO or LESS THAN or ACTUAL
_____	_____	PCB'S <input type="checkbox"/> <50 ppm <input type="checkbox"/> _____ ppm
_____	_____	Cyanides <input type="checkbox"/> <30 ppm <input type="checkbox"/> _____ ppm
_____	_____	Sulfides <input type="checkbox"/> <500 ppm <input type="checkbox"/> _____ ppm

Please Note: Unless analytical results are attached, the chemical composition id should include, at a minimum, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, Silver, Pesticides, Herbicides, and any other TCLP constituents that may be present in the waste. The total composition must be greater than or equal to 100%.

3. Indicate method used to determine composition (if provided) ☐ TCLP ☐ TOTAL ☐ THER:

F. SAMPLING SOURCE (e.g. Drum, Lagoon, Pit, Pond, Tank, Vat):

G. REPRESENTATIVE SAMPLE CERTIFICATION: 1. Samplers Name & Company: _____

The sampler's signature certifies that any sample submitted is representative of the waste described above pursuant to 40 CFR 261.20 or equivalent.

Sample Date: _____

3. Sampler Signature: _____

H. GENERATOR CERTIFICATION

By signing this profile sheet, the Generator certifies:

1. This waste is not a "Hazardous Waste" as defined by USEPA or Canadian Federal regulation and/or state/province.
2. This waste does not contain regulated radioactive materials or regulated concentrations of PCB's (Polychlorinated Biphenyls).
3. The unshaded portions of this sheet and the attachments contain true and accurate descriptions of the waste material. All relevant information regarding known or suspected hazards in the possession of the Generator has been disclosed.
4. The Generator has read and understands the Contractor's Definition of Special Waste included in Part B.5 of the attached instructions form. All types and amounts of special wastes provided in incidental amounts have been identified in section B.6. Of this form.
5. The analytical data presented herein or attached hereto were derived from testing a representative sample taken in accordance with 40 CFR 261.20 or equivalent rules.
6. If any changes occur in the character of the waste, the Generator shall notify the Contractor prior to providing the waste to the Contractor.

Signature _____

8. Title _____

9. Name (Type or Print) _____

10. Date _____

TECHNICAL MANAGER DECISION (Check One)

Authorized Signature for Approval

☐ APPROVED

☐ DISAPPROVED

Print Name:	Signature:	Date:
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Omega Waste Management, Inc.

Confirmation Letter

Ph: 985-399-5100

Fx: 985-399-7963

Date: _____
Generator Name: _____
Attention: _____

We are pleased to confirm Omega's approval of your waste material as described below. The attached profile for the waste materials was prepared by Omega based upon information provided by you. It is important that no changes be made to the profile without Omega's consent. If the profile meets with approval, please call 1-985-399-5100 to schedule shipment of your waste materials.

Omega Profile Number: _____
Approved Mgmt. Facility: _____
Waste Name: _____
Disposal Price: _____
Additional Fees: _____
Pricing Conditions: _____

**Note that disposal pricing is based upon the information from your sales sample. The actual invoice price is determined by the load received.
*If your Company requires that a Purchase Order number or other identification number appear on the Omega invoice, the number must be noted on manifest.
Discrepant loads may be handled based upon site capabilities, however, pricing must be negotiated prior to acceptance of significantly discrepant loads.

Transportation Price: _____
Demurrage: _____

*\$75.00/hr (After 1.0 Hours)
Omega hauled loads held at the disposal facility due to customer manifest discrepancies and/or non-conforming waste are subject to demurrage charges.*

Profile Expiration Date: _____
Special Conditions: _____

**Free liquids or separate non-debris material remaining in a tank or container may be handled based upon site capabilities, however, pricing must be negotiated prior to acceptance.
*Drummed waste must be marked with the profile number and bare only the appropriate labeling under RCRA and/or DOT Provisions.
*Omega Non-Hazardous Waste Manifests should be used for all shipments. Manifests may be ordered through Omega @ 985-399-5100.
If you have any questions regarding this Confirmation of Profile, please contact Debra Rhoades @ 985-399-5100 or debra@owmofla.com

Applicable state and local taxes are not included in these disposal prices. Waste is priced as profiled and invoiced as actually received. Invoices shall be paid no later than (30) days from the date of receipt. All terms are governed by the agreement previously executed between our companies. The prices quoted above are subject to change by Omega upon thirty (30) days prior written notice to you unless otherwise specifically provided or per the terms of our agreement.

If you have any questions or would like to make changes to the profile, please contact your representative. Thank you for this opportunity to be of service.

Customer Signature_____
Omega Representative_____
Date_____
Date

138980

NON-HAZARDOUS MANIFEST

Phone: (985) 399-5100

Fax: (985) 399-7963

OMEGA

Waste Management, Inc.
1900 Highway 90 West
Patterson, LA 70392-5506

REUSE/RECYCLEYES ☐NO ☐**GENERATOR**

Generator _____ LOUISIANA DEQ SOLID WASTE DIVISION
Shipping Location _____ Identification # _____
Address _____ Manifest Return Address: _____
Phone _____
P.O. # _____ Location Chgs _____

Description of Waste Materials	LADEQ Industrial Waste Code #	Profile Number	Total Quantity	Unit of Measure	Container Type

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR, Part 261 or any applicable state law or regulation, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable law and regulations.

Generator Authorized Agent Name (Print) _____

Signature _____

Delivery Date _____

TRANSPORTER

LADEQ Transporter I.D. # _____

Driver Name (Print) _____

Transporter Name _____

Truck Number _____

Address _____

Truck Type _____

I hereby acknowledge receipt of the above-described materials for transport from the generator shipping location listed above.

I hereby acknowledge that the above-described materials were received from the generator shipping location and were transported without incident to the destination listed below.

Driver Signature _____

Shipment Date _____

Driver Signature _____

Delivery Date _____

DESTINATION

Site Name _____

LADEQ Facility # _____

Address _____

LADEQ Permit # _____

Location _____

Bin# _____ Load # _____ Receipt Time _____

Invoice Date _____ Invoice Number _____

I hereby acknowledge receipt of the above-described materials.

138980

Name of Authorized Agent (Print) _____

Signature _____

Receipt date _____

White-Original

Canary-Disposer Retain

Pink-Transporter Retain

Goldenrod-Generator Retain

Green-Billing

OMEGA**WASTE MANAGEMENT, INC.****ROUTE TICKET****JOB #** _____

DATE: _____

CONTACT: _____

CUSTOMER: _____

PHONE: _____

SITE ADDRESS: _____

CITY/STATE/ZIP: _____

MANIFEST #: _____ PROFILE #: _____

LOCATION: _____ CHARGES: _____

Drums Delivered**Drums Picked Up****Box(es) Delivered****Box(es) Picked Up**

COMMENTS:

**DRUM
RINGS****DRUM
LIDS****BUNGS****SLINGS
MISSING**

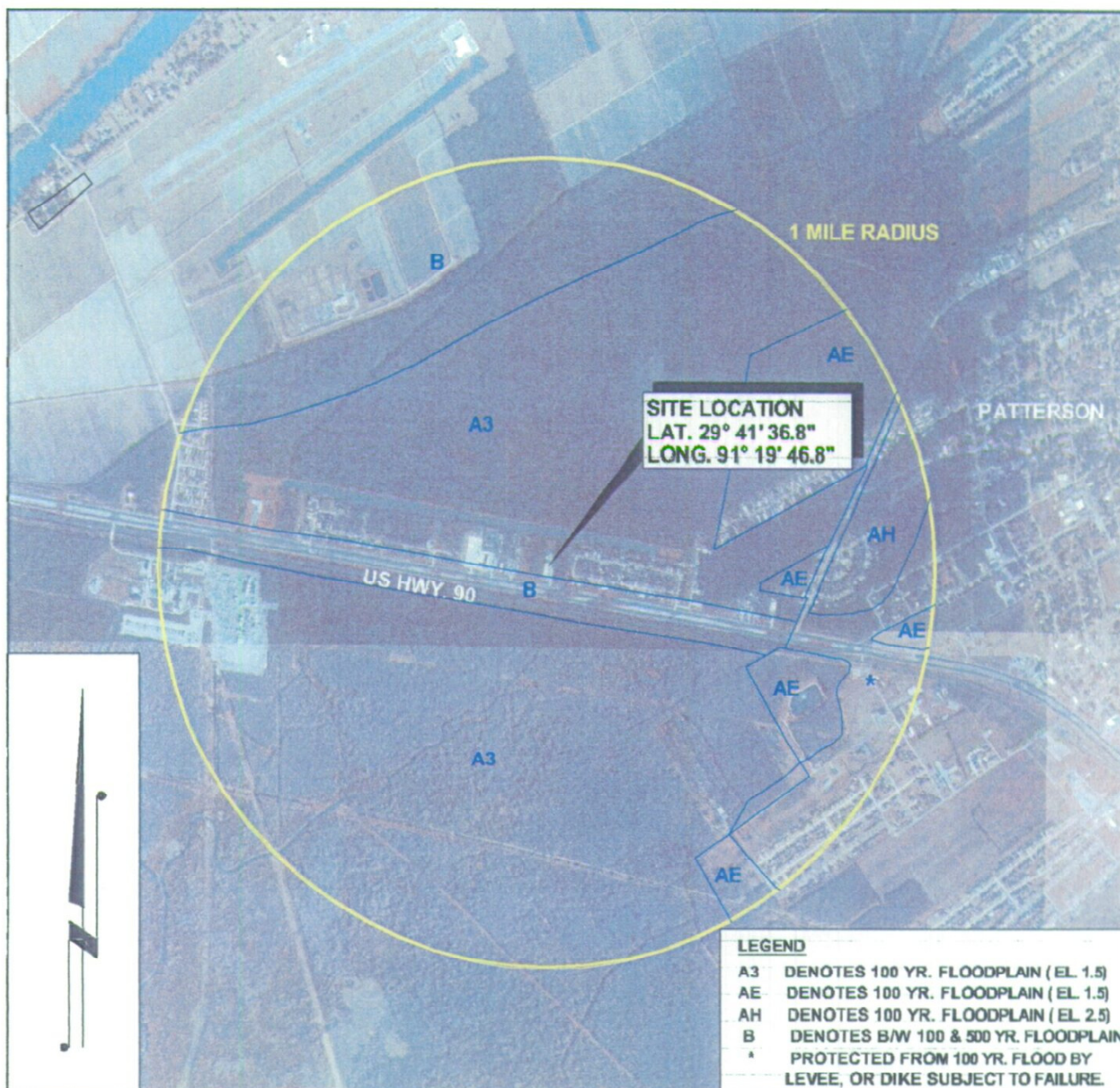
Customer Signature: _____

Date: _____

White / Invoice - Yellow / Disposer - Pink / Dispatch - Gold / Generator

ATTACHMENT 15

FEMA Flood Zone Map



NO.	DATE	REVISION
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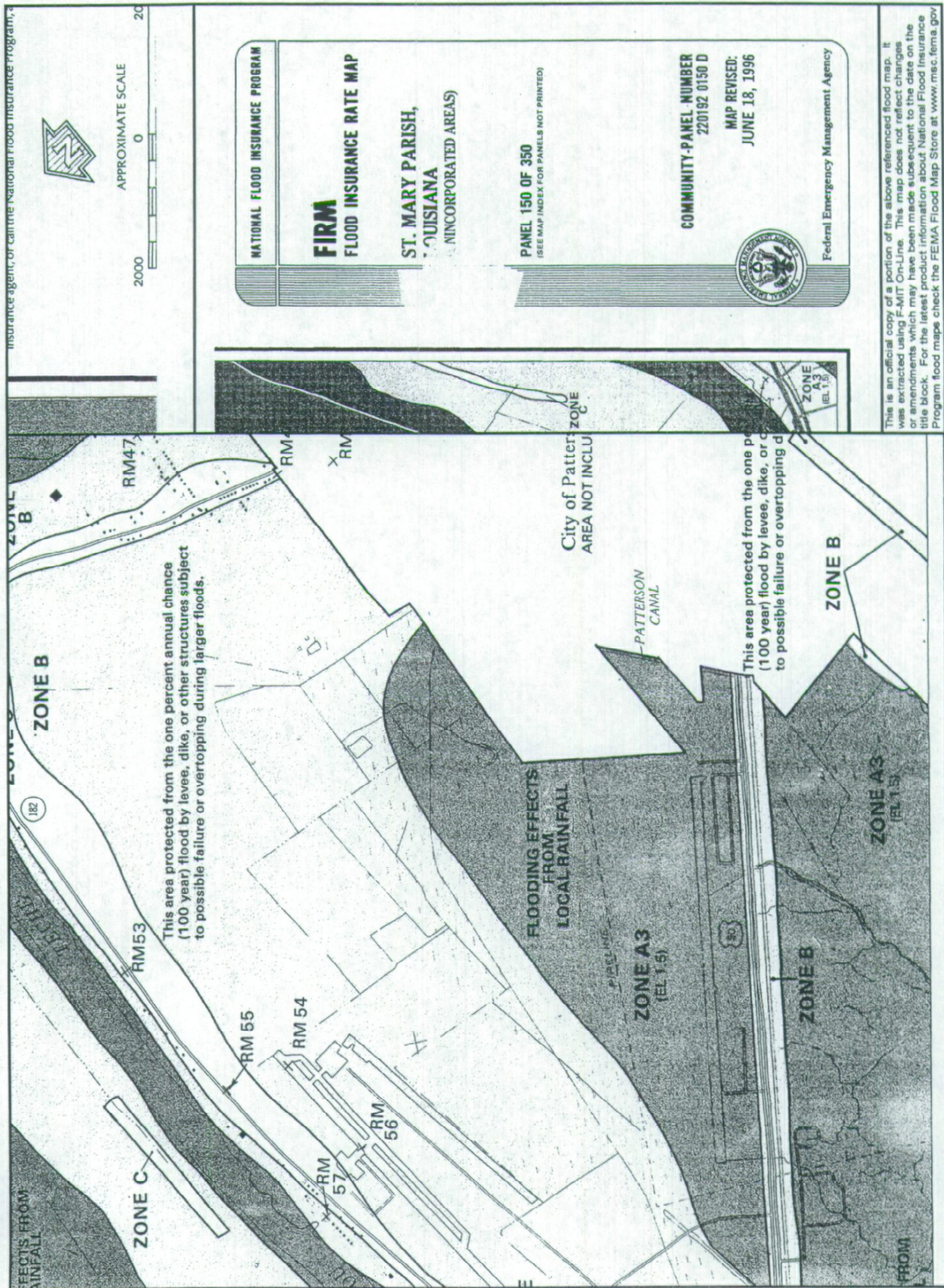
FEMA FIRM MAP

OMEGA WASTE MANAGEMENT, INC.
TYPE IA & TYPE IIA PERMIT RENEWAL
1900 HIGHWAY 90, WEST
PATTERSON
ST. MARY PARISH, LOUISIANA



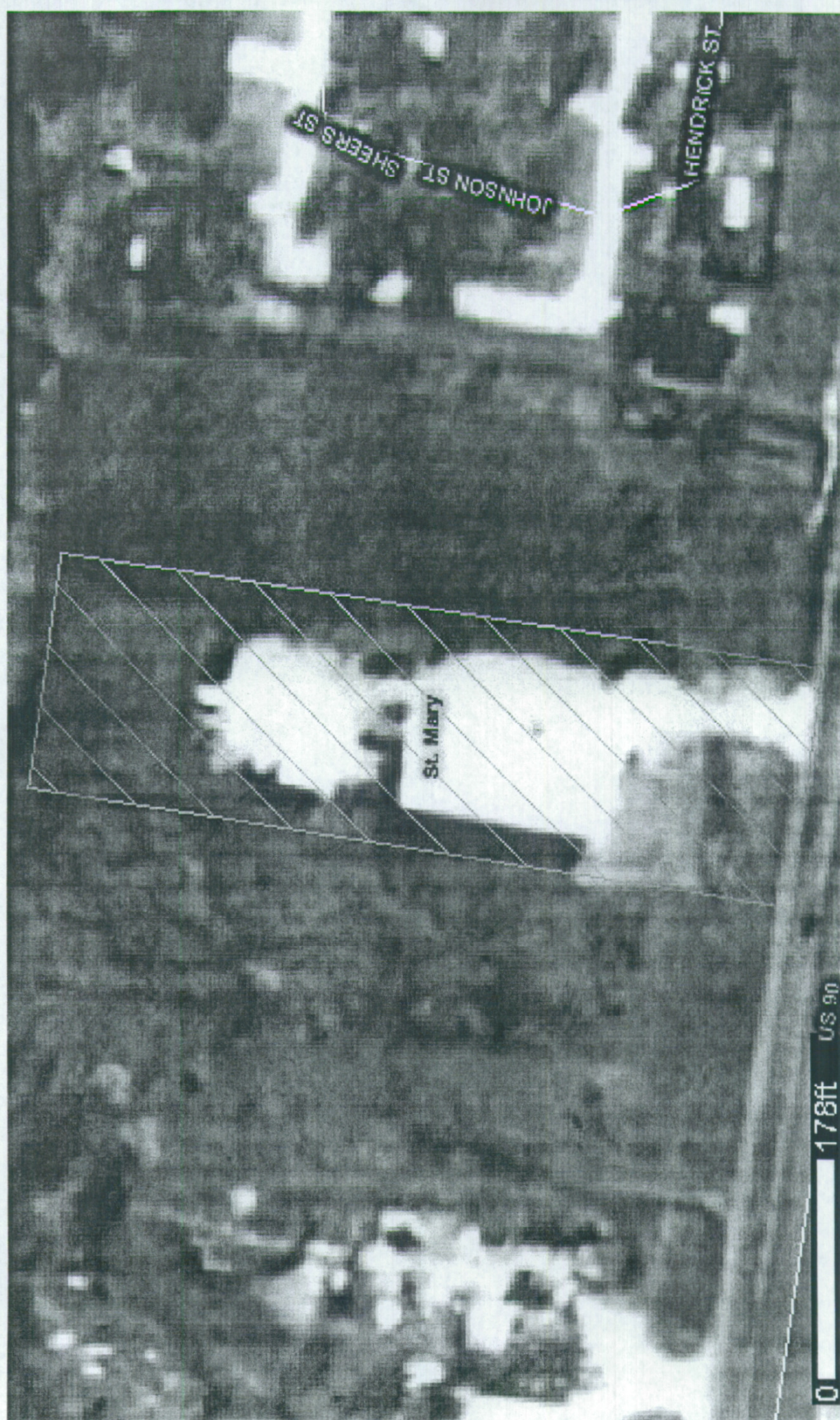
**KEE ENVIRONMENTAL
SERVICES**

DRAWN BY:	KSP	SHEET	1	OF	1
APPROVED BY:	EJE	DRAWING NAME:	FLOOD ZONE MAP		
SCALE:	1"=2000'	JOB NUMBER:	OMEGA		
DATE:	APR 2007	MAP NUMBER:			



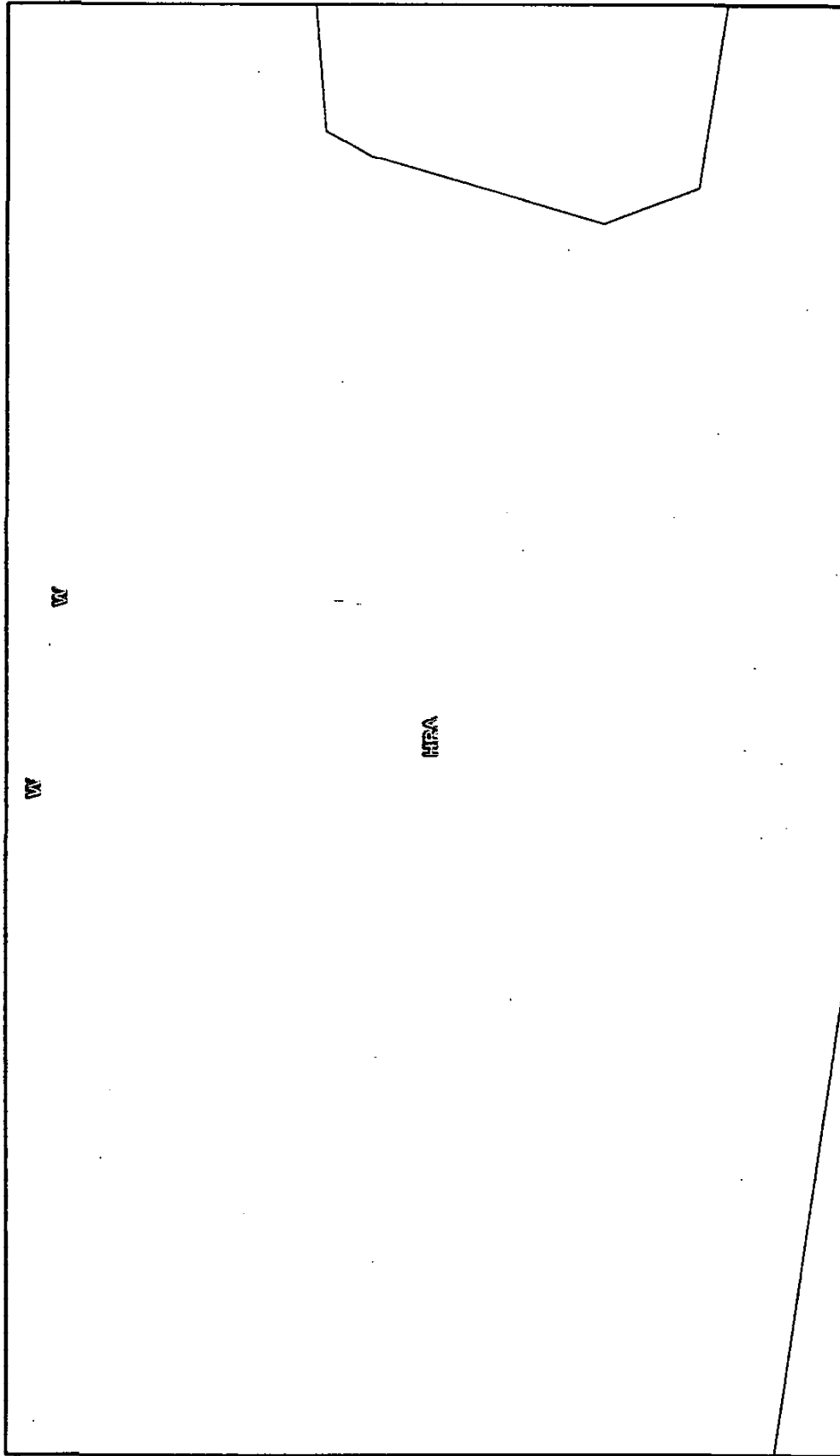
ATTACHMENT 16

St. Mary Soil Survey



SOIL SURVEY OF ST MARY PARISH, LOUISIANA

NRCS Soil Survey Datas



0 15 30 60 Meters

0 45 90 180 270 360 Feet

SOIL SURVEY OF ST MARY PARISH, LOUISIANA

NRCS Soil Survey Data

MAP LEGEND

Soil Map Units	
Interstate Highways	—
Roads	—
Rails	—+—
Escarpment, bedrock	▲▲▲▲▲
Escarpment, non-bedrock	▲▲▲▲▲
Gully	~
Levee	
Slope
Blowout	U
Borrow Pit	☒
Clay Spot	*
Depression, closed	◆
Eroded Spot	■
Gravel Pit	X
Gravelly Spot	·
Gully	~
Lava Flow	Λ
Landfill	⊙
Marsh or Swamp	↓
Miscellaneous Water	⊙
Rock Outcrop	∨
Saline Spot	+
Sandy Spot	·
Slide or Slip	⋈
Sinkhole	◇
Sodic Spot	⋈
Spoil Area	■
Stony Spot	○
Very Stony Spot	⊙
Perennial Water	⊙
Wet Spot	▼

MAP INFORMATION

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>

Coordinate System: UTM Zone 15

Soil Survey Area: St Mary Parish, Louisiana
Spatial Version of Data: 1

Soil Map Compilation Scale: 1:24000

Map comprised of aerial images photographed on these dates:
1998

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend Summary

St Mary Parish, Louisiana

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
HRA	Harahan clay	2.7	99.7
W	Water	0.0	0.3

Physical Soil Properties

St Mary Parish, Louisiana

[Entries under "Erosion Factors--T" apply to the entire profile. Entries under "Wind Erodibility Group" and "Wind Erodibility Index" apply only to the surface layer. Absence of an entry indicates that data were not estimated]

Map symbol and soil name	Depth	Sand	Silt	Clay	Moist bulk density	Saturated hydraulic conductivity	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility Index
										Kw	Kf	T		
HRA: Harahan	In	Pct	Pct	Pct	g/cc	micro m/sec	In/in	Pct	Pct					
	0-11	1-3	---	50-95	0.50-1.50	0.00-0.42	0.11-0.25	9.0-25.0	2.0-25	.37	.37	5	4	86
	11-23	1-3	---	60-95	1.20-1.50	0.00-0.42	0.11-0.20	9.0-25.0	1.0-3.0	.37	.37			
	23-84	1-3	---	60-95	0.25-1.00	0.00-0.42	0.11-0.25	0.0-2.9	0.5-1.0	.37	.37			
W: Water, large	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Physical Soil Properties

This table shows estimates of some physical characteristics and features that affect soil behavior. These estimates are given for the layers of each soil in the survey area. The estimates are based on field observations and on test data for these and similar soils.

"Depth" to the upper and lower boundaries of each layer is indicated.

Particle size is the effective diameter of a soil particle as measured by sedimentation, sieving, or micrometric methods. Particle sizes are expressed as classes with specific effective diameter class limits. The broad classes are sand, silt, and clay, ranging from the larger to the smaller.

"Sand" as a soil separate consists of mineral soil particles that are 0.05 millimeter to 2 millimeters in diameter. In this table, the estimated sand content of each soil layer is given as a percentage, by weight, of the soil material that is less than 2 millimeters in diameter.

"Silt" as a soil separate consists of mineral soil particles that are 0.002 to 0.05 millimeter in diameter. In this table, the estimated silt content of each soil layer is given as a percentage, by weight, of the soil material that is less than 2 millimeters in diameter.

"Clay" as a soil separate consists of mineral soil particles that are less than 0.002 millimeter in diameter. In this table, the estimated clay content of each soil layer is given as a percentage, by weight, of the soil material that is less than 2 millimeters in diameter.

The content of sand, silt, and clay affects the physical behavior of a soil. Particle size is important for engineering and agronomic interpretations, for determination of soil hydrologic qualities, and for soil classification.

The amount and kind of clay affect the fertility and physical condition of the soil and the ability of the soil to adsorb cations and to retain moisture. They influence shrink-swell potential, saturated hydraulic conductivity (Ksat), plasticity, the ease of soil dispersion, and other soil properties. The amount and kind of clay in a soil also affect tillage and earthmoving operations.

"Moist bulk density" is the weight of soil (oven-dry) per unit volume. Volume is measured when the soil is at field moisture capacity, that is, the moisture content at 1/3- or 1/10-bar (33kPa or 10kPa) moisture tension. Weight is determined after the soil is dried at 105 degrees C. In the table, the estimated moist bulk density of each soil horizon is expressed in grams per cubic centimeter of soil material that is less than 2 millimeters in diameter. Bulk density data are used to compute linear extensibility, shrink-swell potential, available water capacity, total pore space, and other soil properties. The moist bulk density of a soil indicates the pore space available for water and roots. Depending on soil texture, a bulk density of more than 1.4 can restrict water storage and root penetration. Moist bulk density is influenced by texture, kind of clay, content of organic matter, and soil structure.

"Saturated hydraulic conductivity (Ksat)" refers to the ease with which pores in a saturated soil transmit water. The estimates in the table are expressed in terms of micrometers per second. They are based on soil characteristics observed in the field, particularly structure, porosity, and texture. Saturated hydraulic conductivity (Ksat) is considered in the design of soil drainage systems and septic tank absorption fields.

"Available water capacity" refers to the quantity of water that the soil is capable of storing for use by plants. The capacity for water storage is given in inches of water per inch of soil for each soil layer. The capacity varies, depending on soil properties that affect retention of water. The most important properties are the content of organic matter, soil texture, bulk density, and soil structure. Available water capacity is an important factor in the choice of plants or crops to be grown and in the design and management of irrigation systems. Available water capacity is not an estimate of the quantity of water actually available to plants at any given time.

"Linear extensibility" refers to the change in length of an unconfined clod as moisture content is decreased from a moist to a dry state. It is an expression of the volume change between the water content of the clod at 1/3- or 1/10-bar tension (33kPa or 10kPa tension) and oven dryness. The volume change is reported in the table as percent change for the whole soil. The amount and type of clay minerals in the soil influence volume change.

Linear extensibility is used to determine the shrink-swell potential of soils. The shrink-swell potential is low if the soil has a linear extensibility of less than 3 percent; moderate if 3 to 6 percent; high if 6 to 9 percent; and very high if more than 9 percent. If the linear extensibility is more than 3, shrinking and swelling can cause damage to buildings, roads, and other structures and to plant roots. Special design commonly is needed.

"Organic matter" is the plant and animal residue in the soil at various stages of decomposition. In this table, the estimated content of organic matter is expressed as a percentage, by weight, of the soil material that is less than 2 millimeters in diameter.

The content of organic matter in a soil can be maintained by returning crop residue to the soil. Organic matter has a positive effect on available water capacity, water infiltration, soil organism activity, and till. It is a source of nitrogen and other nutrients for crops and soil organisms.

Physical Soil Properties

"Erosion factors" are shown in the table as the K factor (Kw and Kf) and the T factor. Erosion factor K indicates the susceptibility of a soil to sheet and rill erosion by water. Factor K is one of six factors used in the Universal Soil Loss Equation (USLE) and the Revised Universal Soil Loss Equation (RUSLE) to predict the average annual rate of soil loss by sheet and rill erosion in tons per acre per year. The estimates are based primarily on percentage of silt, sand, and organic matter and on soil structure and Ksat. Values of K range from 0.02 to 0.69. Other factors being equal, the higher the value, the more susceptible the soil is to sheet and rill erosion by water.

"Erosion factor Kw" indicates the erodibility of the whole soil. The estimates are modified by the presence of rock fragments.

"Erosion factor Kf" indicates the erodibility of the fine-earth fraction, or the material less than 2 millimeters in size.

"Erosion factor T" is an estimate of the maximum average annual rate of soil erosion by wind and/or water that can occur without affecting crop productivity over a sustained period. The rate is in tons per acre per year.

"Wind erodibility groups" are made up of soils that have similar properties affecting their susceptibility to wind erosion in cultivated areas. The soils assigned to group 1 are the most susceptible to wind erosion, and those assigned to group 8 are the least susceptible. The groups are described in the "National Soil Survey Handbook."

"Wind erodibility index" is a numerical value indicating the susceptibility of soil to wind erosion, or the tons per acre per year that can be expected to be lost to wind erosion. There is a close correlation between wind erosion and the texture of the surface layer, the size and durability of surface clods, rock fragments, organic matter, and a calcareous reaction. Soil moisture and frozen soil layers also influence wind erosion.

Reference:

United States Department of Agriculture, Natural Resources Conservation Service. National soil survey handbook, title 430-VI. (<http://www.soils.usda.gov>)

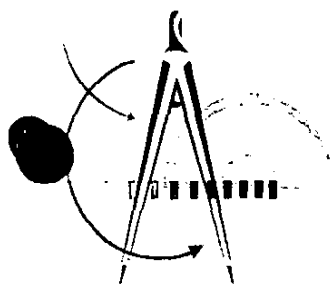
Component Legend

St Mary Parish, Louisiana

Map unit symbol and name	Pct. of map unit	Component name	Component kind	Pct. slope		
				Low	RV	High
HRA: Harahan clay	85	Harahan	Series	0	0.1	0.5
W: Water	100	Water, large	Miscellaneous area	--	--	--

ATTACHMENT 17

Professional Engineer Certification



Larry J. Dupre, P.E.
Civil Engineer

137 Glenhill Drive
Houma, Louisiana 70363
Tel: 985-804-2400

July 3, 2006

Louisiana Department of Environmental Quality
Office of Environmental Services
Water & Waste Permits Division
P.O. Box 4313
Baton Rouge, Louisiana 70821-4313

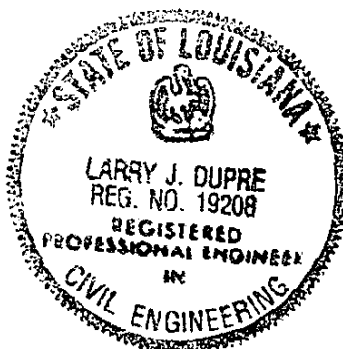
RE: Omega Waste Management, Inc.
Type IA/IIA Permit Renewal
AI #: 22224

To Whom It May Concern:

I hereby certify that I have inspected the Omega Waste Management, Inc. facility located at 1900 Hwy 90 West, Patterson, St. Mary Parish, Louisiana and find that the facility has been constructed in accordance with all permit requirements.

Sincerely,

Larry J. Dupre, P.E.
Reg. No.: 19208





KEE Environmental Services

Earl J. Eues, Jr., R.E.M.
Environmental Consultant

e-mail: eeuesjr@sw.rr.com

July 3, 2006

Louisiana Department of Environmental Quality
Office of Environmental Services
Water & Waste Permits Division
P.O. Box 4313
Baton Rouge, Louisiana 70821-4313

RE: Omega Waste Management, Inc.
Type IA/IIA Permit Renewal
AI #: 22224

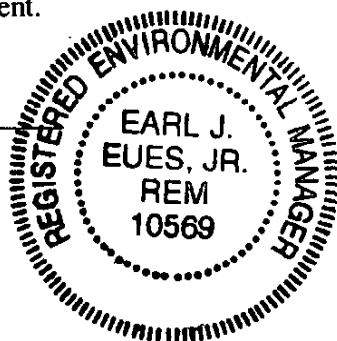
To Whom It May Concern:

Certification

The person who prepared the permit application must provide the following certification:

I certify under penalty of law that I have personally examined and I am familiar with the information submitted in this permit application and that the facility as described in this permit application meets the requirements of the Solid Waste Rules and Regulations. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fine and imprisonment.

Earl J. Eues, Jr., R.E.M.
KEE Environmental Services
Omega Waste Management, Inc.



ATTACHMENT 18

List of Personnel, Job Descriptions and Certifications

PERSONNEL DUTY LIST

General Manager: (1)

The general manager assists clients to insure that correct profiling and testing of waste is performed before shipment to the facility. The general manager also insures that the facility is being operated in accordance to the LDEQ permit and enforces all environmental regulations pertaining to the facility. The general manager oversees the operations of the facility on a daily basis and handles all client relations. The general manager shares safety and health responsibilities with the operations manager.

Operations Manager: (1)

The operations manager is responsible for the receiving of waste at the facility. The operations manager is also responsible for scheduling of incoming and outgoing waste shipments once the waste profiles have been accepted by the general manager. The operations manager schedules all day-to-day route schedules for pickup of waste at client facilities and insures that the necessary paperwork for shipping and receiving wastes are properly filled out and in order. The operations manager provides supervision for the daily operations of the waste processing plant and insures that all waste containers received by the facility are properly sealed or covered and not leaking liquids. The operations manager share safety and health responsibilities with the operations manager.

Processing Plant Manager: (1)

The processing plant manager handles the acceptance of all waste received at the facility by insuring that the waste being brought into the facility matches the waste profile that was accepted by the general manager. The processing plant manager visually inspects all loads of waste coming into the facility to prevent the acceptance of any waste that is not permitted to be processed at the facility (i.e. hazardous waste). The processing plant manager also operates the waste processing equipment. The processing plant manager is also responsible for the daily inspection of all liquid storage tanks to insure that the tanks have available holding capacity and are not leaking liquids into the secondary containment. The processing plant manager provides daily inspections of the oil/water gravity separator to insure the device is in working order.

Equipment Technician: (1)

The equipment technician operates all processing equipment necessary to offload and process incoming and outgoing waste materials.

Truck Drivers: (3)

The truck drivers are responsible for the delivery of waste from client facilities to the processing plant. The truck drivers insure that all paperwork necessary for the transportation of the waste from the client to the facility accompanies the waste to the processing plant.

Department of Environmental Quality

Louisiana Board of Certification and Training for Solid Waste Management System Operators



SOLID WASTE OPERATOR CERTIFICATE

This is to certify that

DEBRA A. RHODES

has complied with all requirements of the Louisiana Board of Certification and Training for Solid Waste Management System Operators and is hereby awarded a Transfer Station, Level A Solid Waste Operator's Certificate, and is hereby entitled to practice solid waste management up to this level of certification within the State of Louisiana until expiration or revocation.

This certificate awarded the twenty-fourth day of March, 2006 is issued for a period of four years, and shall be re-issued upon expiration, if all renewal requirements are met. This certificate expires on March 24, 2010.

RECOMMENDED FOR CERTIFICATION BY THE
BOARD OF CERTIFICATION AND TRAINING FOR
SOLID WASTE MANAGEMENT SYSTEM OPERATORS

A handwritten signature in dark ink, appearing to read "H. L. L. L.", written over a horizontal line.

CHAIRMAN, BOARD OF CERTIFICATION AND TRAINING
FOR SOLID WASTE MANAGEMENT SYSTEM OPERATORS

A handwritten signature in dark ink, appearing to read "M. L. D. McDaniel", written over a horizontal line.

SECRETARY, DEPARTMENT OF ENVIRONMENTAL QUALITY

2042

Department of Environmental Quality

Louisiana Board of Certification and Training for Solid Waste Management System Operators



SOLID WASTE OPERATOR CERTIFICATE

This is to certify that

MARCUS CHAUVIN

has complied with all requirements of the Louisiana Board of Certification and Training for Solid Waste Management System Operators and is hereby awarded a Transfer Station, Level A Solid Waste Operator's Certificate, and is hereby entitled to practice solid waste management up to this level of certification within the State of Louisiana until expiration or revocation.

This certificate awarded the twenty-fourth day of March, 2006 is issued for a period of four years, and shall be re-issued upon expiration, if all renewal requirements are met. This certificate expires on March 24, 2010.

RECOMMENDED FOR CERTIFICATION BY THE
BOARD OF CERTIFICATION AND TRAINING FOR
SOLID WASTE MANAGEMENT SYSTEM OPERATORS

A handwritten signature in dark ink, appearing to read "H. Lee".

CHAIRMAN, BOARD OF CERTIFICATION AND TRAINING
FOR SOLID WASTE MANAGEMENT SYSTEM OPERATORS

A handwritten signature in dark ink, appearing to read "M. D. McDaniel".

SECRETARY, DEPARTMENT OF ENVIRONMENTAL QUALITY

2040

Department of Environmental Quality

Louisiana Board of Certification and Training
for Solid Waste Management System Operators



CONDITIONAL SOLID WASTE OPERATOR CERTIFICATE

This is to certify that

SCOTT T. BERRY

has complied with all requirements of the Louisiana Board of Certification and Training for Solid Waste Management System Operators and is hereby awarded a Transfer Station Level B Conditional Solid Waste Operators's Certificate, and is hereby entitled to practice solid waste management up to this level of certification at Omega Waste Management up to this level of certification within the State of Louisiana until expiration or revocation.

This certificate awarded the twenty-fourth day of March, 2006, is issued for a period of one year, and shall be re-issued upon expiration, if all renewal requirements are met. This certificate expires on September 24, 2006.

RECOMMENDED FOR CERTIFICATION BY THE
BOARD OF CERTIFICATION AND TRAINING FOR
SOLID WASTE MANAGEMENT SYSTEM OPERATORS

A handwritten signature in dark ink, appearing to be "H. L. L. L.", written in a cursive style.

CHAIRMAN, BOARD OF CERTIFICATION AND TRAINING
FOR SOLID WASTE MANAGEMENT SYSTEM OPERATORS

A handwritten signature in dark ink, appearing to be "M. K. D. McDaniel", written in a cursive style.

SECRETARY, DEPARTMENT OF ENVIRONMENTAL QUALITY

2045

ATTACHMENT 19

QA/QC Plan

QUALITY ASSURANCE/QUALITY CONTROL PLAN

The following procedures incorporate the QA/QC plan for Omega Waste Management, Inc.:

1. All industrial waste will require testing for TCLP constituents prior to acceptance of the waste and annually thereafter, or documented process knowledge which confirms that the waste is not a characteristic or listed hazardous waste as defined in LAC 33:V.Subpart 1 or by federal regulations. Nonhazardous petroleum contaminated media and debris generated from underground storage tanks (UST) corrective action will require testing for the appropriate constituents of TCLP prior to acceptance of the waste."
2. Once confirmation that waste is non-hazardous is received by OWM, a profile will be set up for each waste.
3. Waste will be accepted on a scheduled basis.
4. All loads of waste will be cleared through the front office before acceptance in processing area.
5. Once waste is cleared through the front office, the waste will be inspected to assure accuracy with manifest.
6. If waste matches the manifest, the waste will be accepted in the processing area and unloaded into the receiving bin.
7. Any waste not matching the manifest will be rejected and sent back to the generator.
8. If any unauthorized or hazardous waste is noticed within the receiving bin after acceptance of waste, the waste will be loaded into a leak-proof roll-off container and the generator will be contacted to arrange disposal. The generator will be responsible for all contaminated waste located in the receiving bin.

ATTACHMENT 20

Emergency Contingency Plan and Company Safety Manual

EMERGENCY and SPILL RESPONSE PLAN



1900 Highway 90 West
Patterson, Louisiana
St. Mary Parish

Date: May 10, 2006

Prepared by: Earl J. Eues, Jr. - KEE Environmental Services

Approved by: Joe'al Berry, President – Omega Waste Management, Inc.

1. Scope of Plan

This emergency response plan is prepared to assist personnel of Omega Waste Management, Inc. 1900 Highway 90 West, Patterson, Louisiana in preparing for and responding to accidents, fires, explosions, or environmental emergencies.

2. Safety

Responding to accidents, fires, explosions, and environmental emergencies requires prompt and resolute action. Unfortunately, it is easy to get caught up in the excitement of the moment and lose sight of one very important factor: The fundamental purpose of emergency response is to protect lives and not endanger them. It would be tragic, indeed, if in saving one life, others were lost in the process. Therefore, at all times, **KEEP SAFETY FIRST!**

3. Reporting of Work Related Emergencies

3.1 Employee Responsibility

- 3.1.1 Any employee discovering or witnessing an emergency, including accidental releases, shall immediately shut-down operations if it can be done safely. If the employee does not feel that the operations can be shut-down safely, he/she shall immediately evacuate the facility and contact his immediate supervisor. In the event of a fire, explosion or accidental injury to an employee, 911 shall be called immediately. In the event of an accidental release to the environment, the source of the release shall be stopped immediately and contained.
- 3.1.2 The employee is responsible for becoming familiar with all exits and emergency shut downs for all pieces of equipment operating in the processing area. In the event of an emergency caused by an accident, fire, explosion, etc., the employee shall immediately notify his or her supervisor. If the supervisor is unavailable, the employee shall immediately contact **Scott Berry** or **Debra Rhoades**.

4. Reporting of Emergencies

4.1 Employee Responsibility

- 4.1.1 Any employee having information regarding an actual, threatened, or suspected non-routine accidents, fires, explosions, or release of oil or a chemical into the air, sewer, storm water, well, or groundwater shall immediately contact his or her supervisor. If the supervisor is unavailable, the employee shall immediately contact **Scott Berry** or **Debra Rhoades**.

4.2 Supervisor Responsibilities

- 4.2.1 The supervisor or (designate) shall immediately contact, **Scott Berry** or **Debra Rhoades** who shall serve as the Emergency Coordinator.
- 4.2.2 If the condition creates a hazard to employees or others working in the area, the supervisor will advise those persons to leave the area and to stay out until it is safe to return. If appropriate, warning signs will be posted.

6. Follow-up

- 6.1 The Emergency Coordinator will, as appropriate, keep government personnel informed as to the progress in connection with the incident.
- 6.2. If required by law, the Emergency Coordinator will also prepare a written report to government authorities in a timely manner.

- 4.2.3 If anyone has been injured or overcome by exposure to the fire, explosion or environmental release, the supervisor will arrange for medical help. (See Appendix B for the telephone numbers of nearby hospitals and ambulance services.)
- 4.2.4 If the emergency involves fire or explosion, the supervisor will immediately contact the Patterson Volunteer Fire Department by dialing 911.
- 4.3 Emergency Coordinator Responsibilities
 - 4.3.1 Upon learning of an emergency, the Emergency Coordinator will obtain the basic facts and make an initial assessment of the situation. If, in the opinion of the Emergency Coordinator, adequate measures have not been taken by the supervisor (See 3.2.2-3.2.4.), the Emergency Coordinator will take such additional action as necessary to protect employees and property.
 - 4.3.2 If the emergency involves a continuing release to the environment that can be stopped without endangering health and safety, the Emergency Coordinator will, with the help of others, take such steps as necessary to stop or control the release. Before taking such measures, it may be necessary to use protective clothing and/or personal protective equipment. (See Appendix C of this plan for a list of such clothing and equipment.)
 - 4.3.3 If the fire, explosion or environmental release is spreading or in danger of spreading to a larger area, and the spread of a spilled material may be contained without risking health and safety, the Emergency Coordinator will take such steps as are reasonable to contain the fire or release. It may be necessary or advisable to make use of protective clothing or other personal protective equipment.
 - 4.3.4 If the emergency poses a threat to the health or safety of persons outside the facility, the Emergency Coordinator will notify the local government authorities at the St. Mary Sheriff's Department and the Patterson Police Department by dialing 911 and/or the affected persons.
 - 4.3.5 The Emergency Coordinator will contact necessary personnel or response contractors to facilitate response and clean up activities.

5. Government Notifications

- 5.1 Once the safety and health of personnel has been assured and the emergency has been brought under control, a determination must be made as to whether or not government authorities must be notified. Note that a single environmental emergency may require reporting to several government authorities.
- 5.2. The Emergency Coordinator will follow through each of the applicable checklists in the Emergency Response Plan to determine the specific notification requirements and assure that each required report is made in a timely manner. Evenings and weekends are no exception to the notification requirements.
- 5.3. In preparing for and in reporting the emergency to government personnel, the Emergency Coordinator will complete the Emergency Reporting Form.

Appendix A. Facility Personnel**I. Facility Personnel who may be contacted:**

Name and Title	Home Number	Pager Number
Scott Berry Owner/Operations Manager	(985) 399-4415	(985) 397-4415
Debra Rhoades General Manager	(985) 399-6511	(985) 397-0517

II. Response Contractors who may be contacted:

Company Name	Contact	Office Number	24 Hour Number
AMPOL	Joe Celestine	(337) 365-7847	(337) 365-7847
ES&H, Inc.	Trey Boucvault	(985) 851-5350	(985) 851-5350

Appendix B. Telephone Numbers for Emergency Response Organizations and Governmental Agencies

Organization	Phone Number
Acadian Ambulance Service, Inc.	911 or 311
Teche Regional Medical Center Emergency Room	380-4434
Patterson Fire Department	911 or 395-3636
St. Mary Parish Sheriff's Office	911 or 384-1622
Patterson Police Department	911 or 395-6161
National Response Center	1-800-424-8802
Louisiana State Police Hazardous Material Incident Hotline	1-877-925-6595
Louisiana Department of Environmental Quality Hotline	1-888-763-5424

Appendix C. Personal Protective Equipment and Other Emergency Response Equipment

Description	Location	Checked By:	Date Checked:
Fire Extinguishers	Various Locations		
Tyvek Suits	Warehouse Manager's Office		
Eye Goggles	Warehouse Manager's Office		
Rubber Gloves	Warehouse Manager's Office		
Absorbents	Warehouse Manager's Office		
Drums & Containments	Shop Area & Auxiliary Building		

EMPLOYEE TRAINING BOOKLET



Omega Waste Management, Inc.

1900 Hwy 90 West

Patterson, LA 70392-5506

Ph: 985-399-5100 * Fax: 985-399-7963

Email: owm1900@bellsouth.net

OMEGA WASTE MANAGEMENT, INC. PROGRESSIVE DISCIPLINE POLICY

1. The Company has the exclusive right to administer appropriate disciplinary action, including discharge, to offending employees. Generally, a documented stepped discipline approach is warranted whenever a policy, work rule, or safety rule violation occurs. Very serious affairs and/or offenses may result in immediate discharge.
2. A typical discipline approach includes the following levels of action:
 - Verbal warning – documented in writing by supervisor or location manager, but administered in an informal setting. Documentation is placed in employee's file.
 - Written warning – documented in writing by the location manager with the original to the employee and a copy to the employee's file.
 - Suspension – days away from work without pay. (The number of days away from work will be decided by the supervisor in conjunction with management). Also documented in writing and placed in employee's file.
 - Discharge – documented in writing, signed by the manager, and placed in employee's file.
3. All levels of discipline action short of discharge should include counseling and perhaps retraining with a clear goal in mind of favorably modifying the offending employee's future behavior.
4. The stepped discipline approach should never prelude decisive action, when necessary, in cases involving immediate threats to life, limb, property, or in cases where customer relations, public relations, or the Company itself is threatened by the offending employee's actions.
5. The following are examples of just cause for discharge: (This list is not all-inclusive)
 - Unsatisfactory job performance.
 - Excessive absenteeism.
 - Failure to report an accident to his/her immediate supervisor upon being injured.
 - Reporting late for work or excessive tardiness.
 - Disregard of Company safety policies and/or industry safety practices.
 - Fighting, horseplay, or other disruptive activities on Company/Customer premises, or while on duty.
 - Refusal or failure to perform assigned work or to comply with written or verbal instruction of a supervisor.
 - Violation of Substance Abuse Policy and/or related safety rules.
 - Possession of weapons or explosives on Company premises, in Company vehicles, or in customer facilities.
 - Theft, misappropriation, or deliberate damage of property of employees, Company, or customers.
 - Misrepresentation or other fraudulent action.
 - Misuse or removal without proper authorization of Company or customer lists, blueprints, models, records, or any confidential information.
 - Neglect of duty including leaving post of duty without just cause or permission and sleeping on duty.

OMEGA WASTE MANAGEMENT, INC.

Employee Disciplinary Report

Name: _____

Division: _____

Emp. No.: _____

Dept. _____

Date of Incident: _____

Time of Incident: _____

Action to be taken:

☐ Warning☐ Suspension☐ Dismissal

Nature of incident:

1. ☐ Tardiness
2. ☐ Excessive Absences
3. ☐ Insubordination
4. ☐ Dishonesty
5. ☐ Theft (Stealing)
6. ☐ Improper Conduct
7. ☐ Housekeeping
8. ☐ Carelessness
9. ☐ Neglect of Duty

10. ☐ Failure to Report/Accident/Incident
11. ☐ Failure to Follow Instructions
12. ☐ Fighting on Company Premises
13. ☐ Unsatisfactory Job Performance
14. ☐ Violation of Drug/Alcohol Policy
15. ☐ Violation of Safety Rules
16. ☐ Destruction of Company Property
17. ☐ Possession of Weapon
18. ☐ Other _____

Supervisor's Remarks _____

I have read this report

Signature of Supervisor_____
Signature of Employee_____
Date

THE ABOVE OFFENSE OR OFFENSES HAVE BEEN NOTED AND ARE MADE A PART OF THE ABOVE EMPLOYEE'S PERSONNEL FILE AS OF THIS DATE.

Additional Remarks: _____

Accident Investigation

Safety Training Handout

We investigate accidents to **prevent** similar accidents in the future.

Events that must be investigated include:

Injury - an event that results in any injury, even slight cuts

Property Damage - an event that causes damage to any building or other material, including non-company property

Near Miss - an event that only by chance did not cause injury or property damage

At the scene

- Provide First Aid for any injured persons
- Eliminate or control immediate hazards
- Document accident scene to determine cause
- Interview witnesses immediately
- Collect facts about the accident
- Collect and preserve evidence



Determine

1. What was not normal before the accident
2. Where the abnormality occurred
3. When it was first noted
4. How it occurred
5. Sequence of events

Investigation Rules

- Use an unbiased approach during investigation
- Interview witnesses & injured employees at the scene - conduct a walkthrough of the accident
- Conduct interviews in private - Interview one witness at a time.
- Get signed statements from all involved.
- Take photos or make a sketch of the accident scene.
- What hazards are present - what unsafe acts contributed to accident
- Ensure hazardous conditions are corrected immediately.

The Written Report should include:

Date, Time, & Location

People - injured, involved witnesses

Activities just prior to accident

Accident sequence of events

Accident results

Diagrams & photos

Immediate temporary corrective actions taken at the scene

Recommended permanent corrective actions

Accident Prevention

Safety Training Handout

Accidents are the result of **unsafe acts** or **unsafe conditions**, or both....whatever the reasons, we want to eliminate them to keep you safe... and you can help!

Unsafe conditions are physical hazards such as missing machine guards, exposed electrical circuits, damaged equipment, slippery floors, improper storage of material, lack of supervision, and inadequate training.

Unsafe Acts are the things people do that are obviously just not safe. Some examples are:

- Horseplay
- Not using PPE
- Running
- Using damaged tools
- Not lifting properly
- Violating safety rules



Accidents can result in injury or death to you or another employee. That's why it's important to immediately report any unsafe conditions to your supervisor.

Excuses some people use

That's the way I always do it...
 I can take shortcut because I'm experienced...
 I was just trying to fix it...
 I thought I knew how...
 I was in a hurry....
 Doing it safely takes too much time...
 I didn't know it was loaded...

Accidents are preventable!

Smart Safety Rules

Do it the way you have been trained – follow all specific safety rules

Report all unsafe acts or unsafe conditions immediately

Encourage others to work safely

Check & use the correct Personal Protective Equipment for the specific hazard

Ask for help when you need it

Ask questions when you are not sure

Report any injuries immediately

Lock & Tag all equipment before adjusting or doing maintenance

Inspect ladders before using

Don't use chemicals unless you have been specifically trained on the hazards and protection steps

Don't create trip hazards – keep your work area neat & clean

OMEGA WASTE MANAGEMENT, INC.

Incident Investigation Report

Date: _____ Time: _____ Location: _____

Select all that Apply

- | | | |
|--|--|--|
| <input type="checkbox"/> Recordable Injury | <input type="checkbox"/> Spill | <input type="checkbox"/> Omega Employee |
| <input type="checkbox"/> First Aid | <input type="checkbox"/> Property Damage | <input type="checkbox"/> Contract Employee |
| <input type="checkbox"/> Preventable Vehicle | <input type="checkbox"/> Other | <input type="checkbox"/> Other Contractor |

Investigating Members:

Description of Events: (What Happened) _____

Possible Causes: (Unsafe Actions/Behavior) _____

Possible Causes: (Procedures/Conditions) _____

Corrective Actions:

Acute Health Hazard-Moderate: X

Contact Hazard-Severe: X

Fire Hazard-Severe: X

Reactivity Hazard-None: X

Special Hazard Precautions: flammable. Acute: causes eye burns. Vapors irritating to eyes, nose, throat & can result in headache, dizziness, nausea, weakness & loss of consciousness. Chronic: none listed by manufacturer. Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

Label Name: Chemicals R Us, Inc.

Label P.O. Box: 1223

Label City: Harmony

Label State: Ks.

Label Zip Code: 33728

Label Country: US

Label Emergency Number: 505-000-5938

NFPA: Fire 3; Health 2; Reactivity 1; Special Hazard NA

MATERIAL SAFETY DATA SHEET

MEK

NSN: 681000N056895

Trade Name: MEK

General Information

Company's Name: Chemicals R Us, Inc.

Company's P. O. Box: 1223

Company's City: Harmony

Company's State: Ks.

Company's Country: US

Company's Zip Code: 33728

Company's Emergency Phone #: 505-000-5938

Company's Information Phone #: 505-000-5938

Date MSDS Prepared: 05JUL94

Safety Data Review Date: 02FEB95

Ingredients/Identity Information

Ingredient: 2-Butanone; (Methyl Ethyl Ketone) (MEK) (SARA 313) (CERCLA)

Percent: 100

NIOSH (RTECS) Number: EL6475000

CAS Number: 78-93-3

OSHA PEL: 200 PPM

ACGIH TLV: 200 PPM/300 STEL

Physical/Chemical Characteristics

Appearance And Odor: Clear, colorless liquid; pleasant odor.

Boiling Point: 175F, 79C

Vapor Pressure (MM Hg/70 F): 71

Vapor Density (Air = 1): 2.48

Specific Gravity: 0.81 (H₂O = 1)

Evaporation Rate and Reference: 5.8 (BUTYL ACETATE = 1)

Solubility In Water: Moderate

Percent Volatiles By Volume: 100

Fire and Explosion Hazard Data

Flash Point: 20.0F, -6.7C

Flash Point Method: TCC

Lower Explosive Limit: 1.8%

Upper Explosive Limit: 10%

Extinguishing Media: Foam, CO₂, dry chemical, water fog.

Special Fire Fighting Procedures: Use NIOSH/MSHA approved SCBA & full protective equipment. Keep upwind, cool exposed containers with water.

Unusual Fire And Explosion Hazards: Flammable.

Reactivity Data

Stability: Yes

Conditions To Avoid (Stability): None specified by manufacturer.

Materials To Avoid: Strong oxidants, will dissolve some plastics & rubber.

Hazardous Decomposition Products: Carbon monoxide, if not burned completely.

Hazardous Polymerization: No

Conditions To Avoid (Polymerization): NA

Health Hazard Data

LD50-LC50 Mixture: None specified by manufacturer.

Route Of Entry - Inhalation: Yes

Route Of Entry - Skin: No

Route Of Entry - Ingestion: No

Health Hazards Acute And Chronic: Causes eye burns. Vapors irritating to eyes, nose, throat & can result in headache, dizziness, nausea, weakness & loss of consciousness.

Carcinogenicity - NTP: No

Carcinogenicity - IARC: No

Carcinogenicity - OSHA: No

Explanation Carcinogenicity: NA

Signs/Symptoms Of Overexposure: See health hazards.

Medical Conditions Aggravated By Exposure: None specified by manufacturer.

Emergency/First Aid Procedures: Ingestion: call MD immediately. Skin: flush w/copious amounts of water. Call MD. Inhalation: remove to fresh air, if breathing irregular or stopped, start resuscitation, administer oxygen. Eyes: flush w/water for at least 15 minutes. Call MD.

Precautions for Safe Handling and Use

Steps If Material Released/Spilled: Remove ignition sources. Keep people away.

Ventilate enclosed spaces. Open windows & doors. Avoid breathing vapor. Add absorbent to spill area.

Recover free liquid.

Neutralizing Agent: None specified by manufacturer.

Waste Disposal Method: Disposal must be in accordance federal, state & local regulations. Absorb on solids & incinerate. Run-off to waterway creates a fire hazard; notify fire agencies.

Precautions-Handling/Storing: Keep away from heat, sparks & open flame. Keep container closed. Use only with adequate ventilation.

Other Precautions: Avoid contact w/eyes & prolonged or repeated contact w/skin.

Control Measures

Respiratory Protection: NIOSH/MSHA approved organic canister or air-supplied mask.

Ventilation: Use with adequate ventilation. No smoking or flame.

Protective Gloves: synthetic rubber gloves

Eye Protection: ANSI approved chemical workers goggles

Other Protective Equipment: ANSI approved emergency eye wash

Work Hygienic Practices: None specified by manufacturer.

Suppl. Safety & Health Data: None specified by manufacturer.

Transportation Data

DOT Shipping Name: Methyl Ethyl Ketone

UN ID #: 1039

Label: FLAMMABLE LIQUID

Disposal Data

Disposal must be in accordance federal, state & local regulations. Absorb on solids & incinerate. Run-off to waterway creates a fire hazard; notify fire agencies.

Label Data

Label Required: Yes

Technical Review Date: 02Feb95

Label Date: 02Feb95

Common Name: MEK

Chronic Hazard: No

Signal Word: DANGER!

Material Safety Data Sheets

Safety Training Handout

Section 1: Chemical Product & Company Information - provides the chemical name on the label to the MSDS. Also listed is the name, address and the phone number of the company, manufacturer or distributor who provides the chemical

Section 2: Composition & Ingredients - identifies all hazardous ingredients, OSHA permissible exposure limits (PEL) & ACGIH (American Conference of Governmental Industrial Hygienists) Threshold Limit Values (TLVs).

Section 3: Hazard Identification - information about the health effects of exposure. Description of the material appearance, potential symptoms & health effects, routes of entry & target organs.

Section 4: First Aid - Provides first aid procedures for each route of entry.

Section 5: Fire-Fighting - information on the explosive & fire properties, extinguishing agents and items and general fire-fighting information.

Section 6: Accidental Release - information on material spill response, containment and required spill response PPE.

Section 7: Handling and Storage - information about chemical storage & handling and measures to prevent over-exposure.

Section 8: Exposure Controls & Personal Protection - engineering controls & personal protective equipment to reduce chemical exposure.

Section 9: Physical & Chemical Properties - this section tells about the physical and chemical properties of the chemical. Characteristics include appearance, odor, physical state, pH, vapor pressure, vapor density, boiling point, freezing/melting point, solubility in water and specific gravity or density.

Section 10: Stability & Reactivity - all potentially hazardous chemical reactions are identified in this section. Includes information on chemical stability, conditions to avoid, incompatibility, hazardous decomposition and hazardous polymerization.

Section 11: Toxicological Information - provides information such as acute data, carcinogen potential, reproductive effects, target organ effects, and other physiological aspects.

Section 12: Ecological Information - information concerning the environmental impact if a chemical is released into the environment.

Section 13: Disposal Considerations - information concerning proper chemical disposal, recycling and reclamation.

Section 14: Transport Information - shipping information includes the hazardous materials description, hazard class and the identification number (UN or NA numbers).

Section 15: Regulatory Information - provides information about applicable federal regulations. Examples include OSHA, TSCA (Toxic Substance Control Act), CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act), SARA Title III (Superfund Amendments and Reauthorization Act).

Section 16: Additional Information - provides other information about the chemical such as hazard ratings, preparation and revisions of the MSDS, and label information.

Hazard	Guideline	Explanation	Source for Values
Inhalation of airborne contaminants	TLV	Threshold Limit Value	ACGIH
	TLV-TWA	Threshold Limit Value-Time-Weighted Average	
	TLV-STEL	Threshold Limit Value-Short-Term Exposure Limit	
	TLV-C	Threshold Limit Value-Ceiling	ACGIH
	PEL	Permissible Exposure Limit	OSHA
	REL	Recommended Exposure Limit	NIOSH
	IDLH	Immediately Dangerous to Life or Health	NIOSH

Hazard	Guideline	Explanation	Source of Values
Explosion	LEL	Lower Explosive Limit	NFPA
	UEL	Upper Explosive Limit	
Fire	Flash Point	The lowest temperature at which the vapor of a combustible liquid can be made to ignite momentarily in air.	NFPA

Chemical Safety

Safety Training Handout

Chemical Hazards include

Respiratory Hazards
Chemical Burns
Eye Hazards
Poisoning
Fires & Explosions

Protect yourself.... know the chemical hazards, properties & precautions

Health Hazards can affect your immediate or long term health. Health effects for any given chemical will depend on the toxicity, duration of exposure and amount of exposure.

Fire Hazard ratings range from *non-flammable* to *highly flammable*. Flashpoint is the temperature at which chemical vapors will ignite.

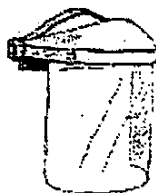
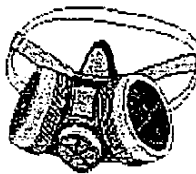
Reactivity ratings describe the hazards of the material stability - some chemicals will explode or react violently if exposed to heat or shock

Other Hazards - special markings are required if the material is radioactive, an oxidizer, acid or base or will react when exposed to other materials.

Hazard Controls

- Label all chemical containers
- Proper chemical storage containers & areas
- Segregation of incompatible chemicals
- Personal Protective Equipment
- Employee training
- Use minimum amount necessary
- Flammable liquid container Bonding & Grounding

Report all chemical spills immediately



Smart Safety Rules

Read and understand the Material Safety Data Sheets (MSDS)

Keep the work area clean & orderly

Use the necessary safety equipment

Label every container

Store incompatible chemicals in separate areas

Substitute less toxic materials whenever possible

Limit the volume of volatile or flammable chemicals used

Don't pour chemicals down the drain

Properly dispose of "empty" containers



Hand Protection

Safety Training Handout

Hand hazards include...

- Chemicals
- Electricity
- Machines & Equipment
- Extreme Heat or Cold
- Sharp Tools
- Vibration
- Friction
- Dampness

Hazard controls include...

- Machine Guards
- Gloves
- Chemical
- Controls
- Training
- Lockout Tagout

If you use any chemicals, wash your hands

- after using chemicals
- even if you used gloves
- if hands come in contact with chemicals
- before eating or smoking



Protect Your Hands

Smart Safety Rules

Don't remove machine guards

Check gloves before each use

Never use damaged tools or equipment

Select the correct glove for the specific hazard

Don't put hands in equipment danger zones

Lock & Tag before un-jamming equipment

Wash hands after using chemicals

Get immediate first aid for all cuts & bruises

Before you put your hands where you can't see them... check for hidden hazards with an inspection mirror.

Use anti-vibration gloves for any tool that vibrates or shakes

Eye Protection

Safety Training Handout

Eye Hazards include

- ❑ Chemicals
- ❑ Dust
- ❑ Flying Chips
- ❑ Bright Light
- ❑ High Heat

Use the correct eye protection

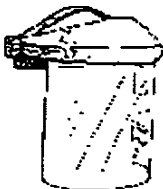
- when using chemicals
- for all splash hazards
- when using hand or power tools
- for welding, or brazing
- when working above your head



Safety Glasses - impact-resistant lenses with side shields - least amount of protection



Goggles - protect from impact, dust, and splashes. Use indirect vented or non-vented type for splash hazards



Face Shields - not for eye protection. Use for face protection with chemicals or when grinding or chipping. Other eye protection is required



Welding Shields - fitted with filtered lenses. Protect face & eyes from burns when welding, brazing, soldering, and cutting

Smart Safety Rules

Any eye protective equipment should fit properly, have no cracks or breaks and be clean.

Use Splash-proof goggles and face shield with chemicals

Never look at welding operations without proper protection

Use goggles in high dust areas

Protect your eyes from direct high heat

Don't use tinted safety glasses indoors

Select to highest tint possible for high intensity light from lasers, welding & brazing.

Follow all Safety Signs

DANGER
Eye Protection
Required



Head Protection

Safety Training Handout

Head hazards include...

- falling objects
- impact against fixed objects, such as pipes or beams
- exposed electrical conductors



Head Hazard Controls include...

Hard Hat Area Warning Signs

Toe boards on elevated areas

Avoiding work directly underneath others

Use of tool lanyards when working above someone

Types of Hard Hats

Type I - protection from impact to the top of the head

Type II - protection from top and side impact

Electrical Classifications

Class G - reduce the force of impact of falling objects - tested to 2200 volts

Class E - reduce the force of impact of falling objects - tested to 20,000 volts

Class C - reduce the force of impact of falling objects - no electrical protection

Smart Safety Rules

For work at higher elevations, a chin strap is required to prevent your hard hat from being bumped off your head

Secure tools when not using them

Never walk or work under a suspended load

Watch for low overhead clearance hazards

Replace your hard hat if you see signs of:

- Loss of surface gloss
- Chalking
- Flaking
- Cracks
- Holes
- Dents

Replace suspension webbing if

- Cracked
- Torn
- Frayed
- Less than 1 inch between webbing & shell

Lockout - Tagout

Control of Hazardous Energy

Use Lockout Tagout to control Hazardous Energy before equipment maintenance or adjustment

Hazards of not using Lockout Tagout

Amputation

Burns

Cuts

Fractures

Electrocution

Chemical Exposure

Six Steps in Lockout - Tagout

1. Notify all affected Employees
2. Conduct a Normal Shutdown
3. Place all controls in off & shut all control valves
4. Install Lockout - Tagout Devices & Tags
5. Release Stored Energy
6. Verify Isolation

Release from Lockout - Tagout

Inspect Work Area - check for parts, tools, missing guards. Check to ensure the equipment is ready to operate

Keep Other Safe - make sure everyone is clear of the equipment before starting. Make sure they know the machine is going to be started

Remove Locks & Tags - each lockout - tagout device must be removed from each energy isolating device by the person who applied the device

Rule # 1: Know the Equipment

Rule #2: Know the Energy Sources

Rule #3: Use Lockout Tagout EVERY time

Safety Training Handout

Types of Hazardous Energy

- Electrical
- Thermal
- Gravitational
- Chemical
- Stored
- Motion
- Hydraulic
- Pneumatic

Types of Lockout Devices

- Breaker Clips
- Plug Buckets
- Blank Flanges
- Threaded Pipe Caps
- Threaded Pipe Plugs
- Expansion Plugs
- Pancake Flanges
- Handwheel Caps
- Lever Locks

Venting & Draining Systems

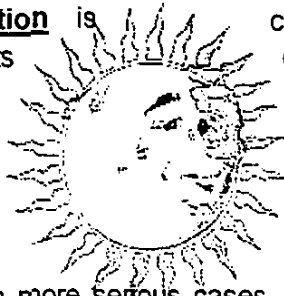
- Vent or drain to a safety container
- Use eye protection when venting or draining
- Use chemical safety precautions

Heat Stress

Safety Training Handout

Heat stroke is the most serious heat related health problem. It occurs when the body's temperature regulatory system fails and sweating becomes inadequate. A heat stroke victim's skin is hot, usually dry, red or spotted. Body temperature is usually 105 degrees F or higher, and the victim is mentally confused, delirious, perhaps in convulsions, or unconscious. Unless the victim receives quick and appropriate treatment, death can occur. Any person with signs or symptoms of heat stroke requires immediate hospitalization.

Heat exhaustion is caused by the loss of large amounts of body fluid by sweating, sometimes with excessive loss of salt. A person suffering from heat exhaustion still sweats but experiences extreme weakness or fatigue, giddiness, nausea, or headache. In more serious cases, the victim may vomit or lose consciousness. The skin is clammy and moist, the complexion is pale or flushed, and the body temperature is normal or only slightly elevated.



Heat cramps are painful spasms of the muscles that occur among those who sweat profusely in heat, drink large quantities of water, but do not adequately replace the body's salt loss. Drinking large quantities of water tends to dilute the body's fluids, while the body continues to lose salt.

Fainting may occur to a person not accustomed to hot environments and who stands erect and immobile in the heat. With enlarged blood vessels in the skin and in the lower part of the body due to the body's attempts to control internal temperature, blood may pool there rather than return to the heart to be pumped to the brain. Moving around prevents blood from pooling and prevents fainting.

Transient heat fatigue is a temporary state of discomfort and mental or psychological strain caused by prolonged heat exposure. Symptoms include a decline in task performance, coordination, alertness, and vigilance.

Smart Safety Rules

Don't wear dark, tight fitting clothes

Don't eat heavy meals before working in the heat

Cover as much of your body as possible.

Keep drinking water close by

Don't drink alcohol or drinks with caffeine

Know and react to symptoms of heat related health problems



Drinking Water

During a day's work in the heat, a person may produce as much as 2 to 3 gallons of sweat. It is important that water intake during the workday be about equal to the amount of sweat produced. Don't depend on thirst to signal when and how much to drink. Instead, drink 5 to 7 ounces of fluids every 15 to 20 minutes to replenish the necessary fluids in the body.

Confined Spaces

Safety Training Handout

Confined Spaces are

- large enough to allow entry of any body part, and
- limited or restricted entry or exit, and
- not designed for continuous employee occupancy

Permit Required Confined Spaces are confined spaces that have any of the following

- potential hazardous atmosphere
- material inside that may engulf or trap you
- internal design that could trap or asphyxiate you
- any other serious safety or health hazard

Entry Permits are required before you enter any "Permit Required Confined Space"

Hazards include

- Fire & Explosion
- Engulfment
- Asphyxiation
- Entrapment
- Slips & Falls
- Electric Shock
- Noise & Vibration
- Chemical Exposure
- Toxic Atmospheres
- Thermal / Chemical Burns

Engineering Controls

- ☐ Ventilation
- ☐ Locked Access
- ☐ Lighting

Administrative Controls

- ☐ Controlled Access
- ☐ Hazard Assessments
- ☐ Entry Permits & Procedures
- ☐ Signs & Lockout Tagout
- ☐ Training



Smart Safety Rules

Know what you are getting into

Know how to get out in an emergency.

Know the hazards & how they are controlled

Only authorized & trained person may enter a Confined Space or act as an attendant.

No smoking in Confined Space or near entrance or exit area

Attendant must be present at all times

Constant visual or voice communication must be maintained between the attendant and entrants

No bottom or side entry will be made or work conducted below the level any hanging material or material which could cause engulfment.

Air and oxygen Monitoring is required before entering a Permit-Required Confined Space

Ventilation & oxygen monitoring is required when welding is performed

All floor or surface openings to Confined Spaces must be protected by a barricade

PRCS Entry Conditions

Safety Training Handout

Entry permits ensure that all hazards are known, controlled or removed before any person enters including:

- Entry conditions & procedures
- Monitoring procedure & equipment
- Communication procedures & equipment
- Rescue procedures & equipment

Acceptable Entry Conditions must be determined, established & maintained before any entry into a Permit Required Confined Space. Example:



- ☐ Confined Space Entry permit posted
- ☐ Oxygen 19.5 – 23.5%
- ☐ Explosive gas level less than 10% of LEL
- ☐ Toxic fumes/vapors less than PEL
- ☐ No engulfing material in space
- ☐ No hazardous chemicals or material
- ☐ Drained, flushed, Material removed
- ☐ Rescue Team available on site
- ☐ Ventilation established & maintained
- ☐ Lock & tag electrical power to components in the confined space
- ☐ Lock & tag mechanical components in the confined space
- ☐ Lock & tag all pipes to and from the confined space

Training - must be completed and current. Required training includes:

1. Duties of Entry Supervisor, Entrant and Attendants
2. Confined Space Entry permits
3. Hazards of Confined Spaces
4. Use of Air Monitoring Equipment
5. First Aid and CPR Training
6. Emergency Action & Rescue Procedures
7. Confined Space Entry & Rescue Equipment
8. Rescue training, including entry and removal from representative spaces

ENTRY PERMIT

PERMIT VALID FOR 8 HOURS ONLY. ALL COPIES OF PERMIT WILL REMAIN AT JOB SITE UNTIL JOB IS COMPLETED

DATE: - - SITE LOCATION and DESCRIPTION _____

PURPOSE OF ENTRY _____

SUPERVISOR in charge of crews

Type of Crew

Phone #

COMMUNICATION PROCEDURES _____

RESCUE PROCEDURES (PHONE NUMBERS AT BOTTOM) _____

REQUIREMENTS COMPLETED	DATE	TIME
Lock Out/De-energize/Try-out	_____	_____
Line(s) Broken-Capped-Blanked	_____	_____
Purge-Flush and Vent	_____	_____
Ventilation	_____	_____
Secure Area (Post and Flag)	_____	_____
Breathing Apparatus	_____	_____
Resuscitator - Inhalator	_____	_____
Standby Safety Personnel	_____	_____
Full Body Harness w/"D" ring	_____	_____
Emergency Escape Retrieval Equip	_____	_____
Lifelines	_____	_____
Fire Extinguishers	_____	_____
Lighting (Explosive Proof)	_____	_____
Protective Clothing	_____	_____
Respirator(s) (Air Purifying)	_____	_____
Burning and Welding Permit	_____	_____

Note: Items that do not apply enter N/A in the blank.

RECORD CONTINUOUS MONITORING RESULTS EVERY 2 HOURS

Tests to be Taken	Permissible Entry Level	
PERCENT OF OXYGEN	19.5% to 23.5%	_____
LOWER FLAMMABLE LIMIT	Under 10%	_____
CARBON MONOXIDE	+ 35 PPM	_____
Aromatic Hydrocarbon	+ 1 PPM * 5PPM	_____
Hydrogen Cyanide (Skin)	* 4PPM	_____
Hydrogen Sulfide	+ 10 PPM * 15PPM	_____
Sulfur Dioxide	+ 2 PPM * 5PPM	_____
Ammonia	* 35PPM	_____

* Short-term exposure limit: Employee can work in the area up to 15 minutes.

+ 8 hr. Time Weighted Avg.: Employee can work in area 8 hrs (longer with appropriate respiratory protection).

REMARKS: _____

GAS TESTER NAME & CHECK #	INSTRUMENT(S) USED	MODEL &/OR TYPE	SERIAL &/OR UNIT #
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SAFETY STANDBY PERSON IS REQUIRED FOR ALL CONFINED SPACE WORK

ATTENDANTS	CONFINED SPACE ENTRANTS	CONFINED SPACE ENTRANTS
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SUPERVISOR AUTHORIZING - ALL CONDITIONS SATISFIED _____

DEPARTMENT/PHONE _____

AMBULANCE:

FIRE:

Safety:

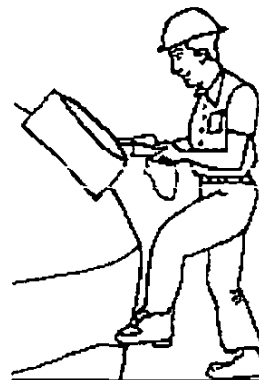
Gas Coordinator:

PRCS Entry Duties

Safety Training Handout

Entry Supervisor Duties

- ☐ coordinate all entry procedures, tests, permits, equipment
- ☐ know hazards that may be faced during entry
- ☐ understand consequences of exposure
- ☐ verify entry permit information
- ☐ terminate entry & cancel permit when entry completed
- ☐ ensure rescue services are available
- ☐ remove unauthorized persons who enter or attempt to enter
- ☐ ensure entry operations remain consistent with the permit terms
- ☐ ensure acceptable entry conditions are maintained



Entry Attendant

For the duration of the entry, at least one attendant is required outside the permit space. Duties of the Attendant include:

- ☐ know hazards & consequences of exposure
- ☐ maintain count of entrants
- ☐ remain outside during entry operations
- ☐ communicate with entrants and alert of need to evacuate
- ☐ monitor activities inside and outside the space
- ☐ summon rescue and other emergency services if required
- ☐ perform non-entry rescues
- ☐ warn unauthorized persons that they must stay out

Entrant - all entrants must

- ☐ be authorized by the entry supervisor
- ☐ have received the required training
- ☐ use the proper equipment
- ☐ observe entry procedures & permit
- ☐ know the hazards that may be faced
- ☐ know consequences of exposure
- ☐ alert attendant to any dangerous situation



Fire Prevention

Safety Training Handout

Fires Cause

- ☐ Burns
- ☐ Asphyxiation
- ☐ Property damage
- ☐ Job loss
- ☐ Death

Fires are caused by

Flammable Liquids - never use or store flammable liquids near open flame, hot equipment or electrical areas

Electrical overload/overheating - overloading circuits is a major cause of industrial fires. Keep electric motor air intakes unblocked & clean. Do not store any material in electrical utility areas.

Chemical reactions - combining certain chemicals can cause fires.

Gas fired equipment - improper operation or maintenance can cause fires or explosions

Trash accumulation - fire need fuel. Keep all work areas clear. Remove excess material on a routine basis, especially before the end of work.

Personal Electric Heaters - keep portable heaters away from flammable material - turn them off when not needed and unplug them at the end of the day.

Spontaneous Combustion - certain materials, such as oily rags can heat up during reaction between chemicals and flammable materials - if they get hot enough, a fire will start. Place all rags and contaminated material in proper storage containers.

Welding & Hot Work - Get a hot work permit before welding. Use a fire watch during hot work operations.

Smoking - matches and other smoking materials start more fire each year than any other man-made source

Smart Safety Rules

Store flammable liquids only in approved containers & authorized areas

No open flames near flammable material

Do not overload electrical circuits

Properly maintain and operate gas fired equipment

Follow good housekeeping procedures - don't let trash accumulate

Turn off Personal Electric Heaters

Follow Hot Work procedures

Properly extinguish cigarettes

Smoke only in approved areas



Fire Extinguishers

Safety Training Handout

Extinguishers are classed by the type fire they can put out. Some extinguishers are **Combination** types that can be used on several different types of fires

Using a Fire Extinguisher

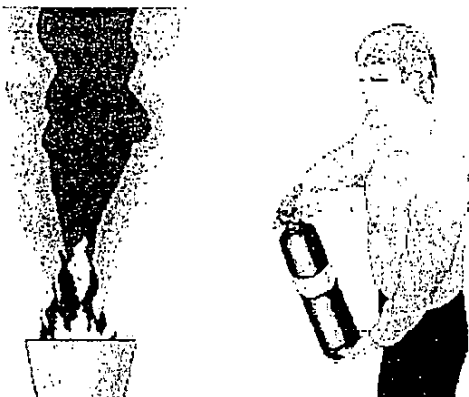
P-A-S-S

Pull the pin

Aim at base of fire

Squeeze the handle

Sweep from side to side



Types of Fires

Class A

Combustible material such as paper and wood

Class B

Fires involving flammable liquids such as gasoline, paint, diesel fuel or solvents

Class C

Fires started in electrical equipment by arcing or overheating

Class D

Fires involving combustible metal powders, flakes or shavings

Smart Safety Rules

Stand 6 to 8 feet away from the fire

Use an extinguisher **ONLY** if you have been trained to use it.

Fire Extinguishers are for small fires in the early stages.

Know where fire extinguishers are located

Never place a pressurized fire extinguisher upright unless you are holding it - if it falls over the nozzle can break off

All fire extinguishers should have an inspection tag and a trigger seal and a pin

After use, do not put a fire extinguishers back on its mounting – it must be refilled before being returned to its location

JOB HAZARD ANALYSIS

WORKSHEET FOR	JOB	JSA BY	
	SUPERVISOR	SECTION	REVIEWED BY
	DEPARTMENT	DATE OF ANALYSIS	APPROVED BY
ANALYSIS			

BRIEFLY DESCRIBE THE JOB, ITS BEGINNING, END, AND RESULT TO BE ACHIEVED

REQUIRED AND/OR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT

[illegible]

1. Struck By (SB)	2. Struck Against (SA)	3. Contacted By (CB)	4. Contact With (CW)	5. Caught On (CO)
7. Caught Between (CBT)	8. Fall - Same Level (FS)	9. Fall To Below (FB)	10. Overexertion (OE)	11. Exposure (E)

OMEGA WASTE MANAGEMENT, INC.

JOB HAZARD ANALYSIS

Job related injuries occur every day in the workplace. Often these injuries occur because employees are not using proper procedures. Establishing safe job procedures is one benefit of a Job Hazard Analysis...a three-step process that involves carefully studying and recording each step of a job, identifying existing or potential job hazards, and determining the best way to perform the job to reduce or eliminate these hazards. With a Job Hazard Analysis, safety can be as easy as one-two-three.

Key Points

- Before conducting a Job Hazard Analysis, identify and correct hazards in your general work area.
- When selecting a job for a Job Hazard Analysis, start with a job that has a high accident rate.
- Be sure to complete each of the three steps of the Job Hazard Analysis: (1) Break down the job into steps; (2) Identify the hazards; and (3) Recommend safe procedures and protection.
- Review and update each Job Hazard Analysis periodically.
- If an accident or injury occurs on a specific job, review the Job Hazard Analysis immediately to determine whether changes are needed in the job procedure.
- To help reduce accidents, conduct a Job Hazard Analysis on every job in the workplace.

Power Tool Safety

Hazards of power tools include...

- Noise
- Electric Shock
- Amputation
- Chemical exposure
- Lacerations & Abrasions
- Eye Injury
- Dust & Mist

Use the right personal protection...

- ☐ Hearing Protection
- ☐ Hand Protection
- ☐ Clean safety glasses
- ☐ Face shield for grinding or chipping
- ☐ Respirator for dust & mists
- ☐ Foot protection for heavy work
- ☐ Anti-vibration gloves for tools that vibrate

Tool Safety Check... before you use

Bench & Floor tools securely mounted

Control switch not damaged

No exposed wires

Cords free from work area

Guards in place & adjusted

No Cracks or Breaks

Grinding wheels speed rating

No exposed wires

Cords free from work area

Guards in place & adjusted

No Cracks or Breaks

Grinding wheels speed rating

Grinder tool rest gap 1/8 inch

Ring test new grinder stones

Unplug before changing cutting tools

Power tools grounded or double insulated

Check electric cords for damage

Ensure bits and blades are sharp

Check hose connections for pneumatic tools

Safety Training Handout

Operation Safety

- Don't over-reach
- Keep others clear
- Pass tools handle first
- Don't use damaged tools
- Avoid awkward positions
- Use tool rest - no free hand operations
- Stand to side of equipment when starting
- Cover all unused sharp blades & tools bits
- Dress wheels & sharpen cutters as needed
- Keep cords away from heat, oil, & sharp edges
- Keep hair, sleeves and jewelry out of work area
- Unplug before adjusting or changing accessories

Work Area Safety

- ☐ Well lighted
- ☐ Not in traffic area
- ☐ No slip or trip hazards
- ☐ No standing water
- ☐ Keep tools off the floor or ground
- ☐ Extension cords above waist level
- ☐ Don't block traffic areas with tools
- ☐ Boundary off work areas
- ☐ Minimize material & debris

OMEGA WASTE MANAGEMENT, INC.

PULLING TRAILERS

Towing a trailer is a big responsibility. Not only must you be concerned with your own safety, but you must also take steps to ensure the safety of other vehicles on the road. Whether you're towing a light boat, a utility trailer, a camper, or a motor home, it's important to prepare the trailer and the tow vehicle properly, and to follow safe procedures for handling your vehicle.

Key Points

- Before towing anything, make sure the vehicle you plant to use for towing is strong enough to carry the load.
- Avoid overloading a trailer
- Follow all instructions for hitching and unhitching the trailer
- When towing, always use safety chains
- Drive with caution. Take special care when passing another vehicle, when changing lanes, and when braking or turning
- When you're on the road, stay a safe distance from the vehicle in front of you
- After you've been towing a vehicle for a few miles, stop and check to make sure all connections are secure. Check again each time you stop.

OMEGA WASTE MANAGEMENT, INC.

SAFE LIFTING TECHNIQUES

Every year, more than one million American workers suffer back injuries. Many of these injuries are caused by improper lifting. Protect your back and avoid costly and possibly disabling back injuries by practicing safe lifting techniques both on and off the job.

Eighty percent of all workers will experience lower back pain at some time in their lives. Safety tips are offered that workers should follow to help prevent back injuries using a parody of old movie serials and the character, Safetyman.

Of all work-related injuries, a full 40% involve injury to the back. Pulled muscles, slipped discs and pinched nerves can strike almost any member of the workforce - from warehouse workers to executives. How to avoid back injury through common sense practices is explained.

- Plan your lift in advance. Size up the load and the area where you will be carrying the object.
- Establish a firm base of support. Stand close to the load with your feet spread apart about shoulder width, with one foot slightly in front of the other for balance.
- When picking up the object, bend with your knees, not with your waist.
- Grasp the load firmly with both hands.
- Lift slowly and smoothly. Lift with your legs, not with your back.
- When carrying, keep the load close to your body.
- Use your feet to change direction. Avoid twisting your body.
- If you determine that an object is too heavy to lift, use mechanical equipment or ask a co-worker to help.

OMEGA WASTE MANAGEMENT, INC.

EMERGENCY ACTION PLANS

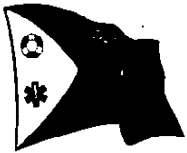
Emergencies and disasters can strike anyone, anytime, anywhere. You and your co-workers could be forced to evacuate your workplace when you least expect it. Your company's emergency action plan gives you procedures to follow in the event of an emergency. Make sure you're familiar with this plan before an emergency occurs.

KEY TRAINING POINTS

- Know how to report an emergency in your workplace
- Make sure you're familiar with the alarm system used by your company to notify employees to evacuate and/or take other actions
- Locate all exits and know which exit accesses, such as hallways, will be open during a fire, explosion or other emergency.
- Know where to report following an evacuation
- If you are designated to stay behind to operate critical plant operations, follow all procedures according to the plan. Know when to abandon the operation or task and evacuate before the egress is blocked.
- Leave rescue work to those who are trained, equipped and certified to conduct rescues.
- Participate in all training offered by your company on emergency action plans

ATTACHMENT 21

Emergency Medical Services Notification Letters



Acadian

Ambulance Service



NATIONALLY
ACCREDITED

P.O. Box 98000 • LAFAYETTE, LA • 70509-8000

EMPLOYEE
OWNED

AMBULANCE
DISPATCH
511
800-259-1111

ADMINISTRATION
337-291-3333
800-259-3333

BILLING
800-259-2222

May 24, 2006

Mr. Earl J. Eues, Jr., REM
Environmental Specialist
KEE Environmental Services
104 Midland Drive
Houma, Louisiana 70360

Dear Mr. Eues,

Per your request, please allow this letter to serve as confirmation that Acadian Ambulance Service provides emergency medical services to St. Mary Parish to include Omega Waste Management, Inc. located in Patterson.

Service potential to Omega Waste Management, Inc. under normal circumstances is as follows:

<u>Ambulance Location</u>	<u>Estimated Response Time</u>
Patterson	3 min.
Morgan City	12 min.
Franklin	14 min.
Air Med 2/Houma	20 min.

Please do not hesitate to contact me should you need any further information.

Sincerely,

Steven A. Kuiper
Vice President/Operations

SAK/tdl



KEE Environmental Services

Earl J. Eues, Jr., R.E.M.
Environmental Consultant

e-mail: eeuesjr@sw.rr.com

May 16, 2006

Mr. Steven A. Kuiper
Acadian Ambulance and Air Med Services
P.O. Box 98000
Lafayette, Louisiana 70509-8000

**RE: LDEQ Permit Renewal
Solid Waste Processing Facility
Omega Waste Management, Inc.
1900 Highway 90 West
Patterson, St. Mary Parish Louisiana 70392**

Dear Mr. Kuiper:

Omega Waste Management, Inc. has contracted KEE Environmental Services to submit a permit application to the Louisiana Department of Environmental Quality, Office of Environmental Services, Water and Waste Permit Division for renewal of an existing operating permit to continue operations of a non-hazardous industrial waste processing facility. This facility is located at 1900 Highway 90 West just outside the city limits of the City of Patterson. A map showing the location of the facility is enclosed for your review.

As part of the permit application process, we need to identify the location and name of the nearest Emergency Medical Service (EMS) to the facility and provide information from the EMS that "service will be provided to the facility".

On behalf of Omega Waste Management, Inc., I would appreciate a letter from you identifying the location and name of the nearest Emergency Medical Service that will provide service to the facility.

Your assistance with this matter is greatly appreciated. I may be contacted at (985) 804-5455 if you have any questions regarding this request.

Sincerely,

Earl J. Eues, Jr., R.E.M.
Environmental Specialist

EJE
Enclosure

Cc: Omega Waste Management, Inc.

ATTACHMENT 22

Facility Training Program

Omega Waste Management Training Program

Omega Waste Management, Inc. (OWM) will provide sufficient training to personnel employed with the firm. Training will consist of the following parameters:

1. All employees operating process equipment will be trained on each piece of equipment on proper operating procedures. Employees will have to show proficient knowledge and satisfactory operating skills before being allowed to operate equipment unsupervised.
2. All employees will be instructed on the emergency response procedures in case of an emergency in the processing plant. Employees will be trained on first response containment procedures in case of an accidental spill of liquid waste (i.e. used oil).
3. The company's safety manual will be presented and explained to each employee of the facility. After reviewing the plan with each employee, the employee will be required to sign an "Employee Statement to Confirmation" stating that the employee will comply with the company's safety manual.
4. Monthly safety meetings will be held for all personnel of the company addressing certain issues within the company's safety manual.
5. At least one employee will be trained in handling hazardous materials equivalent to OSHA 24-hour Hazardous Waste Operations (Hazwoper).
6. Employees holding LDEQ Solid Waste Operators Certifications are required to obtain 10 hours of LDEQ approved continuing education hours.
7. Training opportunities will be provided to employees on an as needed basis.

ATTACHMENT 23

Closure Cost Analysis

Omega Waste Management, Inc. Closure Plan and Cost Estimate

Omega Waste Management, Inc. will provide a surety bond to cover the cost of providing a Louisiana Department of Environmental Quality Risk Evaluation and Corrective Action Plan screening option investigation and removal of all waste, solid and liquid, located onsite.

The RECAP investigation will involve the sampling of soil and groundwater adjacent to processing area of the facility and liquid storage area. Approximately 6 soil borings will be conducted to the groundwater interface. Soils and groundwater will be sampled in accordance to the LDEQ RECAP document. Analytical parameters for soil and groundwater will consist of Total Petroleum Hydrocarbon – Diesel and Oil, Polyaromatic Hydrocarbons (PAHs) and RCRA metals (totals). Groundwater will be tested for the same parameters and include the addition of dissolved metals. Based on the waste processed at the facility, acenaphthene, anthracene, fluoranthene, fluorene, naphthalene and pyrene will be added to the analytical parameter list. The analytical data will be compared to the LDEQ RECAP screening standards or the MO-1 screening standards.

Due to the nature of the materials that are permitted be accepted at the facility, the design of the facility and the soils in the area of the facility, the likelihood of severe soil and groundwater contamination is minimal and any RECAP investigations should be able to pass MO-1 standards with little or no soil excavations. Total amount of solid waste storage at the facility is 210 cubic yards and total oil/water storage at the facility is 452 barrels. Closure costs were based on disposal of all solid waste and oil/water stored at the facility.

The closure costs are detailed below in 2006 dollars. Closure cost estimates were obtained from third party contractors on May 1, 2006:

Solid and Liquid Waste Disposal Costs

210 Yards of Solid Waste and 452 barrels of oil/water:	\$3,518.00
--	------------

RECAP Investigation

Soil Borings and Temporary Groundwater Wells:	\$ 6,000.00
Laboratory Costs:	\$ 9,168.00
RECAP Investigation Report:	\$ 8,000.00
Soil Excavation (100 cubic yards)	\$12,500.00
Total Closure Costs:	\$39,186.00

ATTACHMENT 24

Liability Coverage Documentation

**SOLID WASTE FACILITY
CERTIFICATE OF LIABILITY INSURANCE**

Secretary
Louisiana Department of Environmental Quality
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313

Attention: Office of Environmental Services
Water and Waste Permits Division

Dear Sir:

1. Steadfast Insurance Company, the "Insurer" of 1400 American Lane, Schaumburg, IL 60196 hereby certifies that it has issued liability insurance covering bodily injury and property damage to Omega Waste Management, Inc. which must be either the permit holder or applicant of the facility, the "insured", of P. O. Box 1377 Patterson, La. 70392 in connection with the insured's obligation to demonstrate financial responsibility under LAC 33:VII.727.A.1. The coverage applies at TP 101-5757, Omega Waste Management, Inc., P-0324, 1900 Hwy 90 West Patterson, La. for sudden and accidental occurrences. The limits of liability are \$1,000,000 each occurrence and \$4,000,000 annual aggregate, per site, exclusive of legal-defense costs. The coverage is provided under policy number BOG2733336-10, issued on 5/1/07. The effective date of said policy is 5/1/07 to 5/1/08.
2. The insurer further certifies the following with respect to the Insurance described in paragraph 1:
 - a) Bankruptcy or insolvency of the insured shall not relieve the insurer of its obligations under the policy.
 - b) The insurer is liable for the payment of amounts within any deductible applicable to the policy, with a right of reimbursement by the insured for any such payment made by the insurer. This provision does not apply with respect to that amount of any deductible for which coverage is demonstrated as specified in LAC 33:VII.727.A.1.d.ii, iii, or iv.
 - c) Whenever requested by the administrative authority, the insurer agrees to furnish to him a signed duplicate original of the policy and all endorsements
 - d) Cancellation of the Insurance, whether by the Insurer or the Insured, will be effective only upon written notice and upon lapse of 60 days after a copy of such written notice is received by the administrative authority.
 - e) Any other termination of the insurance will be effective only upon written notice and upon a lapse of 30 days after a copy of such written notice is received by the administrative authority.
3. I hereby certify that the wording of this certificate is identical to the wording specified in LAC33:VII.727.A.1.d.i. (e) as such regulations were constituted on the date first written above, and that the insurer is licensed to transact the business of insurance, or eligible to provide insurance as an excess or surplus lines insurer, in one or more states, and is admitted, authorized, or eligible to conduct insurance business in the state of Louisiana.

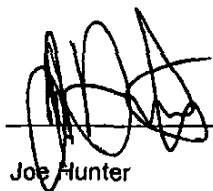
Reference Site Number: TP-101-5757

Facility Name: Omega Waste Management, Inc.

Permit #: P-0324

Facility Address: P. O. Box 1377
1900 Hwy 90 West
Patterson, La. 70392

Signature: _____

A handwritten signature in black ink, appearing to read 'Joe Hunter', is written over a horizontal line.

Joe Hunter
Underwriting Specialist
Authorized representative of:
Steadfast Insurance Company
2000 West Sam Houston Parkway South, Suite 1300
Houston, Texas 77042

Date: May 31, 2007

JUL-02-2007 MON 09:50 AM

FAX NO.

P. 02

ACORD CERTIFICATE OF LIABILITY INSURANCE		OP ID AC OMEGA-1	DATE (MM/DD/YYYY) 07/02/07
PRODUCER Paul's Agency, LLC P. O. Box 1680 Morgan City LA 70381 Phone: 985-384-4450 Fax: 985-385-0842		THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.	
INSURED Omega Waste Management, Inc. 1900 Hwy 90 West Patterson LA 70392-5506		INSURERS AFFORDING COVERAGE	NAIC #
		INSURER A: <u>Standfast Insurance Company</u>	
		INSURER B: <u>American Zurich Ins. Co.</u>	
		INSURER C: <u>Zurich American Insurance Co.</u>	
		INSURER D: <u>XL Specialty Insurance Co.</u>	
		INSURER E: <u>Water Quality Ins. Syndicate</u>	

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR POLICY LTR	INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
A		GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Wharfingers <input checked="" type="checkbox"/> Shiprepairers GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC	BOG273333610 BLNKT ADDL INSURED BLNKT WOB-REQ BY CONTRACT	05/01/07	05/01/08	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$50,000 MED EXP (Any one person) \$5,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$4,000,000 PRODUCTS - COMP/OP AGG \$4,000,000 Emp Ben 1,000,000.
B		AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	BAP280327210 EXECUTIVE & FLEET BLNKT ADDTL INS & WAIVER OF SUBROGATION AS REQ BY CONTRACT	05/01/07	05/01/08	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
		GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN EA ACC \$ AUTO ONLY: AGG \$
D		EXCESS/UMBRELLA LIABILITY <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE DEDUCTIBLE \$ RETENTION \$	UM00013928EL07A	05/01/07	05/01/08	EACH OCCURRENCE \$9,000,000 AGGREGATE \$9,000,000 \$ \$ \$
C		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below OTHER	WC273333410	05/01/07	05/01/08	<input checked="" type="checkbox"/> WC STATUS: <input type="checkbox"/> TORT LIMITS <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
D		Hull/P&I	TMM1563	05/01/07	05/01/08	See Att Schedule
E		Pollution	40-10754	05/01/07	05/01/08	Limit \$5,000,000.

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

Work comp includes Maritime with Limit \$1,000,000. TMM&C, USL&H & Blanket
 Waiver of Subrogation as required by written contract. P&I includes Towers &
 Collision, Boat Brokers & Lift Liability.

**ORIGINAL SIGNATURE
 STAMPED IN BLUE**

CERTIFICATE HOLDER**CANCELLATION**

LOUISII1 Louisiana Department of Environmental Quality Office of Enviro Services Post Office Box 4313 Baton Rouge LA 70821	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL <u>30</u> DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES. AUTHORIZED REPRESENTATIVE Philip G. McManus
---	--

JUL-02-2007 MON 09:50 AM

FAX NO.

P. 03

NOTEPAD:

INSURED NAME Omega Waste Management, Inc.

OMEGA-1

PAGE 2

OP ID AL

DATE 07/02/07

Work comp includes United States Longshore and Harbor Worker's Compensation Act. Outer Continental Shelf Lands Operations. Voluntary Compensation. Maritime Liability including but not limited to liability for transportation wages, maintenance and cure. The Jones Act. Death on the High Seas Act.

ATTACHMENT 25

Financial Assurance Documentation

OMEGA WASTE MANAGEMENT, INC.

1900 Hwy 90 West – PO Box 1377

Patterson, LA 70392

Ph: 985-399-5100 * * Fx: 985-399-7963

April 27, 2007

Secretary

Louisiana Department of Environmental Quality

P.O. Box 4313

Baton Rouge, Louisiana 708251-4313

Attention: Office of Environmental Services
Water and Waste Permits Division

RE: Letter of Credit for Omega Waste Management, Inc.

AI#: 22224 / PER20060001

TP-101-5757 / P-0324

St. Mary Parish

Dear Sir:

Attached to this correspondence is a letter of credit for financial responsibility for closure and post-closure care of the Omega Waste Management, Inc. facility located in Patterson, Louisiana.

The letter of credit bears number 215 and issued by Patterson State Bank located in Patterson, Louisiana on July 20, 2006. The letter of credit is issued in the amount of \$39,186.00. The letter of credit is issued to Omega Waste Management, Inc., for their facility located at 1900 Highway 90 West, Patterson, Louisiana. The facility's LDEQ Identification Number is TP-101-5757. The facility's permit number is P-0324.

Please contact Ms. Debra Rhoades for information regarding this correspondence.

Sincerely,

OMEGA WASTE MANAGEMENT, INC.



Debra Rhoades
Manager



No. 215

Amount \$39,186.00

SOLID WASTE FACILITY IRREVOCABLE LETTER OF CREDIT

Secretary
 Louisiana Department of Environmental Quality
 P. O. Box 82263
 Baton Rouge, LA 70804-2263
 Attention: Solid Waste Division

Dear Sir:

We hereby establish our Irrevocable Standby Letter of Credit No. 215 in favor of the Department of Environmental Quality of the state of Louisiana at the request and for the account of Omega Waste Management Inc., 1900 Hwy. 90 West, Patterson, LA 70392 for the Closure fund for its TP-101-5757, Section 22, Township 15 S., Range 11 East, St. Mary Parish, Omega Waste Management, Inc. P-0324 at 1900 Hwy. 90 West, Patterson, Louisiana for any sum or sums up to the aggregate amount of US dollars \$39,186.00 upon presentation of:

- (1) A sight draft, bearing reference to the Letter of Credit No. 215 drawn by the administrative authority together with:
- (2) A statement signed by the administrative authority, declaring that the amount of the draft is payable into the standby trust fund pursuant to the Louisiana Environmental Quality Act R.S. 30 2001 et. seq.

The Letter of Credit is effective as of July 20, 2006 and will expire on July 20, 2007 but such expiration date will be automatically extended for a period of at least one year on the above expiration date, July 20, 2007, and on each successive expiration date thereafter unless, at least 120 days before the then-current expiration date we notify both the administrative authority and Omega Waste Management, Inc. by certified mail that we have decided not to extend this Letter of Credit beyond the then-current expiration date. In the event that we give such notification, any unused portion of this Letter of Credit shall be available upon presentation of your sight draft for 120 days after the date of receipt by both the Department of Environmental Quality and Omega Waste Management, Inc. as shown on the signed return receipts.

Irrevocable Standby Letter of Credit No. 215

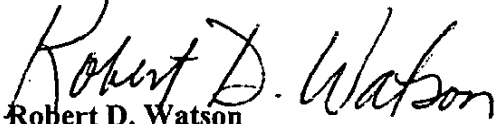
Page 2

Whenever this Letter of Credit is drawn under and in compliance with the terms of this credit we shall duly honor such draft upon presentation to us, and we shall deposit the amount of the draft directly into the standby trust fund of Omega Waste Management, Inc. in accordance with the administrative authority's instructions.

Except to the extent otherwise expressly agreed to, the Uniform Customs and Practice for Documentary Letters of Credit (1993 revision), International Chamber of Commerce, Publication No. 500, shall apply to this Letter of Credit.

We certify that the wording of this Letter of Credit is identical to the wording specified in LAC 33:VII.727.A.2.g.viii effective on the date shown immediately below.

PATTERSON STATE BANK

A handwritten signature in dark ink, appearing to read "Robert D. Watson". The signature is written in a cursive, flowing style with a large initial "R".

Robert D. Watson
Chairman of the Board
July 20, 2006

SOLID WASTE FACILITY TRUST AGREEMENT/STANDBY TRUST AGREEMENT

Trust Agreement, the "Agreement" entered into as of July 20, 2006 by and between Omega Waste Management, Inc., a Louisiana corporation, the "Grantor," and Patterson State Bank, a Louisiana bank, the "Trustee."

WHEREAS, the Department of Environmental Quality of the State of Louisiana, an agency of the state of Louisiana, has established certain regulations applicable to the Grantor, requiring that a permit holder or applicant for a permit of a solid waste processing or disposal facility shall provide assurance that funds will be available when needed for closure care of the facility.

WHEREAS, the Grantor has elected to establish a trust to provide all or part of such financial assurance for the facility identified herein;

WHEREAS, the Grantor, acting through its duly authorized officers, has selected Patterson State Bank to be the trustee under this Agreement, and Patterson State Bank is willing to act as trustee.

NOW, THEREFORE, the Grantor and the Trustee agree as follows:

SECTION 1. DEFINITIONS

As used in this Agreement:

- a) The term "Grantor" means the permit holder or applicant who enters into this Agreement and any successors or assigns of the Grantor.
- b) The term "Trustee" means the Trustee who enters into this Agreement and any successor trustee.
- c) The term "Secretary" means the Secretary of the Louisiana Department of Environmental Quality.
- d) The term "administrative authority" means the Secretary or a person designated by him to act therefore.

SECTION 2. IDENTIFICATION OF FACILITIES AND COST ESTIMATES

This Agreement pertains to the facilities and cost estimates identified on attached Schedule A.

SECTION 3. ESTABLISHMENT OF FUND

The Grantor and the Trustee hereby establish a trust fund, the "Fund", for the benefit of the Louisiana Department of Environmental Quality. The Grantor and the Trustee intend that no third party shall have access to the Fund except as herein provided. The Fund is established initially as consisting of the property, which is acceptable to the Trustee, described in Schedule B attached hereto. Such property and any other property subsequently transferred to the Trustee is referred to as the Fund, together with all earnings and profits thereon, less any payments or distributions made by the Trustee pursuant to the Agreement. The Fund shall not be responsible nor shall it undertake any responsibility for the amount or adequacy of, nor any duty to collect from the Grantor, any payments necessary to discharge any liabilities or the Grantor established by the administrative authority.

SECTION 4. PAYMENT FOR CLOSURE AND/OR POST-CLOSURE CARE OR LIABILITY COVERAGE

The Trustee shall make payments from the Fund as the administrative authority shall direct, in writing, to provide for the payment of the costs of closure care of the facility covered by this Agreement. The Trustee shall reimburse the Grantor or other persons as specified by the administrative authority from the fund for closure expenditures in such amounts as the administrative authority shall direct in writing. In addition, the Trustee shall refund to the Grantor such amounts as the administrative authority specifies in writing. Upon refund, such funds shall no longer constitute part of the Fund as defined herein.

SECTION 5. PAYMENTS COMPRISED BY THE FUND

Payments made to the Trustee for the Fund shall consist of cash or securities acceptable to the Trustee.

SECTION 6. TRUSTEE MANAGEMENT

The Trustee shall invest and reinvest the principal and income for the fund and keep the Fund invested as a single fund, without distinction between principal and income, in accordance with general investment policies and guidelines which the Grantor may communicate in writing to the Trustee from time to time, subject, however, to the provisions of this Section. In investing, reinvesting, exchanging, selling, and managing the Fund, the Trustee shall discharge his duties with respect to the trust fund solely in the interest of the beneficiary and with the care, skill, prudence, and diligence under the circumstances then prevailing which persons of prudence, acting in a like capacity and familiar with such matters, would use in the conduct of an enterprise of like character and with like aims, except that:

- a) Securities or other obligations of the Grantor, or any owner of the facility or any of their affiliates as defined in the Investment Company Act of 1940, as amended, 15 U.S.C. 80a-2.(a), shall not be acquired or held, unless they are securities or under obligations of the federal or a state government.
- b) The Trustee is authorized to invest the Fund in time or demand deposits of the Trustee, to the extent insured by an agency of the federal or state government; and
- c) The Trustee is authorized to hold cash awaiting investment or distribution uninvested for a reasonable time and without liability for the payment of interest thereon.

SECTION 7. COMMINGLING AND INVESTMENT

The Trustee is expressly authorized, at its discretion:

- a) To Transfer from time to time any or all of the assets of the Fund to any common, commingled, or collective trust fund created by the Trustee in which the fund is eligible to participate, subject to all provisions thereof, to be commingled with the assets of other trusts participating therein; and
- b) To purchase shares in any investment company registered under the Investment Company Act of 1940, 15 U.S.C. 80a1, et seq., including one which may be created, managed, or underwritten, or one to which investment advice is rendered or the shares of which are sold by the Trustee. The Trustee may vote such shares at its discretion.

SECTION 8. EXPRESS POWERS OF THE TRUSTEE

Without in any way limiting the powers and discretion conferred upon the Trustee by the other provisions of this Agreement or by law, the Trustee is expressly authorized and empowered:

- a) To sell, exchange, convey, transfer, or otherwise dispose of any property held by it, by public or private sale. No person dealing with the Trustee shall be bound to see to the application of the purchase money or to inquire into the validity or expediency of any such sale or other disposition;
- b) To make, execute, acknowledge, and deliver any and all documents of transfer and conveyance of any and all other instruments that may be necessary or appropriate to carry out the powers herein granted:
- c) To register any securities held in the Fund in its own name or in the name of a nominee and to hold any security in bearer form or in book entry, or to combine certificates representing such securities with certificates of the same issue held by

the Trustee in other fiduciary capacities, or to deposit or arrange for the deposit of such securities in a qualified central depository even though, when so deposited, such securities may be merged and held in bulk in the name of the nominee of such depository with other securities deposited therein by another person, or to deposit or arrange for the deposit of any securities issued by the United States government, or any agency or instrumentality thereof, with a Federal Reserve Bank, but the books and records of the Trustee shall at all times show that all securities are part of the Fund;

- d) To deposit any cash in the Fund in interest-bearing accounts maintained or savings certificates issued by the Trustee, in its separate corporate capacity, or in any other banking institution affiliated with the Trustee, to the extent insured by an agency of the federal or state government; and
- e) To compromise or otherwise adjust all claims in favor of, or against, the Fund.

SECTION 9. TAXES AND EXPENSES

All taxes of any kind that may be assessed or levied against or in respect of the Fund and all brokerage commissions incurred by the Fund shall be paid from the Fund. All other expenses incurred by the Trustee in connection with the administration of this Trust, including fees for legal services rendered to the Trustee, the compensation of the Trustee to the extent not paid directly by the Grantor, and other proper charges and disbursements of the Trustee shall be paid from the Fund.

SECTION 10. ANNUAL VALUATION

The Trustee shall annually, at least 30 days prior to the anniversary date of establishment of the Fund, furnish to the Grantor and to the administrative authority a statement confirming the value of the Trust. Any securities in the fund shall be valued at market value as of no more than 60 days prior to the anniversary date of establishment of the Fund. The failure of the Grantor to object in writing to the Trustee, within 90 days after the statement has been furnished to the Grantor and the administrative authority, shall constitute a conclusively binding assent by the Grantor, barring the Grantor from asserting any claim or liability against the Trustee with respect to matters disclosed in the statement.

SECTION 11. ADVICE OF COUNSEL

The Trustee may from time to time consult with counsel, who may be counsel to the Grantor, with respect to any questions arising as to the construction of this Agreement or any action to be taken hereunder. The Trustee shall be fully protected, to the extent permitted by law, in acting upon the advice of counsel.

SECTION 12. TRUSTEE COMPENSATION

The Trustee shall be entitled to reasonable compensation for its services as agreed upon in writing from time to time with the Grantor.

SECTION 13. SUCCESSOR TRUSTEE

The Trustee may resign or the Grantor may replace the Trustee, but such resignation or replacement shall not be effective until the Grantor has appointed a successor or trustee and this successor accepts the appointment. The successor trustee shall have the same powers and duties as those conferred upon the Trustee hereunder. Upon the successor trustee's acceptance of the appointment, the Trustee shall assign, transfer and pay over to the successor trustee the funds and properties then constituting the Fund. If for any reason the Grantor cannot or does not act in the event of the resignation of the Trustee, the Trustee may apply to a court of competent jurisdiction for the appointment of a successor trustee or for instructions. The successor trustee shall in writing specify the Grantor, the administrative authority, and the present Trustee by certified mail 10 days before such change becomes effective the date on which it assumes administration of the trust. Any expenses incurred by the Trustee as a result of any of the acts contemplated by this Section shall be paid as provided in Section 9.

SECTION 14. INSTRUCTIONS TO THE TRUSTEE

All orders, requests, and instructions by the Grantor to the Trustee shall be in writing, signed by the persons designated in the attached Exhibit A or such other persons as the Grantor may designate by amendment to Exhibit A. The Trustee shall be fully protected in acting without inquiry in accordance with the Grantor's orders, requests, and instructions. All orders, requests, and instructions by the administrative authority to the Trustee shall be in writing and signed by the administrative authority. The Trustee shall act and shall be fully protected in acting in accordance with such orders, requests, and instructions. The trustee shall have the right to assume, in the absence of written notice to the contrary, that no event constituting a change or termination of the authority of any person act on behalf of the Grantor or administrative authority hereunder has occurred. The Trustee shall have no duty to act in the absence of such orders, requests, and instructions from the Grantor and/or administrative authority, except as provided for herein.

SECTION 15. NOTICE OF NONPAYMENT

The Trustee shall notify the Grantor and the administrative authority, by certified mail, within 10 days following the expiration of the 30-day period after the anniversary of the establishment of the Trust, if no payment is received from the Grantor during that period. After the pay-in period is completed, the Trustee shall not be required to send a notice of nonpayment.

SECTION 16. AMENDMENT OF AGREEMENT

This Agreement may be amended by an instrument in writing executed by the Grantor, the Trustee, and the administrative authority, or by the Trustee and the administrative authority, if the Grantor ceases to exist.

SECTION 17. IRREVOCABILITY AND TERMINATION

Subject to the right of the parties to amend this Agreement as provided in Section 16, this Trust shall be irrevocable and shall continue until terminated at the written agreement of the Grantor, the Trustee, and the administrative authority, or by the Trustee and the administrative authority, if the Grantor ceases to exist. Upon termination of the Trust, all remaining trust property, less final trust administration expenses, shall be delivered to the Grantor.

SECTION 18. IMMUNITY AND INDEMNIFICATION

The Trustee shall not incur personal liability of any nature in connection with any act or omission, made in good faith, in the administration of this Trust, or in carrying out any direction by the Grantor or the administrative authority issued in accordance with this Agreement. The trustee shall be indemnified and saved harmless by the Grantor or from the Trust fund, or both, from and against any personal liability to which the Trustee may be subjected by reason of any act or conduct in its official capacity, including all reasonable expenses incurred in its defense in the event that the Grantor fails to provide such defense.

SECTION 19. CHOICE LAW

This Agreement shall be administered, construed, and enforced according to the laws of the state of Louisiana.

SECTION 10. INTERPRETATION

As used in this Agreement, words in the singular include the plural and words in the plural include the singular. The descriptive headings for each Section of this Agreement shall not effect the interpretation of the legal efficacy of this Agreement.

IN WITNESS WHEREOF, The parties have caused this Agreement to be executed by their respective officers duly authorized and their corporate seals to be hereunder affixed and attested to as of the date first above written. The parties below certify that the wording of this Agreement is identical to the wordings specified in LAC 33;VII.727.A.2.IX

Page 7 of 7

WITNESSES:

Sunshine Rutledge

English Steele

GRANTOR:

Omega Waste Management, Inc.

By: Joe'al Berry
Its: President

WITNESSES:

Sunshine Rutledge

Crystal Marcel

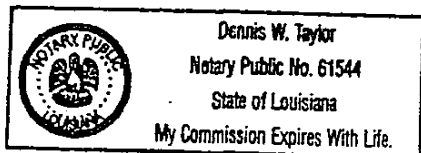
TRUSTEE:

Patterson State Bank

By: Robert D. Watson
Its: Chairman of the Board

THUS DONE AND PASSED in my office in St. Mary Parish, on the 21st day of July 2006, in the presence of Witness 1 and Witness 2 competent witness, who hereunto sign their names with the said appearers and me, Notary, after reading the whole.

Dennis W. Taylor
Notary Public



SCHEDULE A

Site Number: TP-101-5757

Site Name: Section 22, Township 15 South, Range 11 East, St. Mary
Parish

Facility Name: Omega Waste Management, Inc.

Facility Permit Number: P-0324

Current Closure Cost Estimate: \$39,186.00

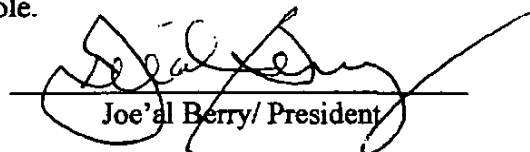
STATE OF LOUISIANA

PARISH OF ST. MARY

BE IT KNOWN, that on this 31st day of July 2006, before me, the undersigned Notary Public, duly commissioned any qualified within the State and Parish of aforesaid, and in the presence of the witnesses hereinafter named and undersigned, personally came and appeared Joe'al Berry, to me well known, who declared and acknowledged that he had signed and executed the foregoing instrument as his act and deed, and as the Grantor (Omega Waste Management, Inc.), a corporation, for the consideration, uses, and purposes and on terms and conditions therein set forth.

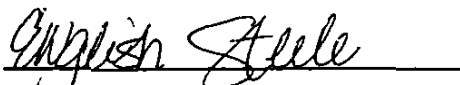
And the said appearer, being by me first duly sworn, did depose and say that he is the President of said corporation and that he signed and executed said instrument in his said capacity, and under authority of the Board of Directors of said corporation.

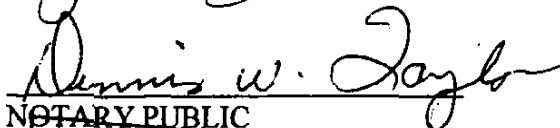
Thus done and passed in the State and Parish aforesaid, on the day and date hereinabove written, and in the presence of Witness 1 and Witness 2, competent witnesses, who have hereunto subscribed their name as such, together with said appearer and me, said authority, after due reading of the whole.

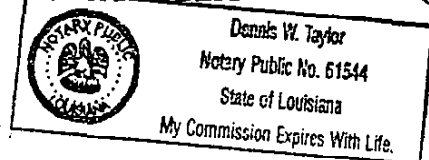

Joe'al Berry/ President

WITNESSES:






NOTARY PUBLIC



SCHEDULE B

This Trust Agreement is not presently funded but shall be funded by the following financial assurance document used by the Grantor in accordance with the term of the document.

Facility Name: **Omega Waste Management, Inc.**

Facility AI Number: **22224**

Facility Permit Number: **P-0324**

Letter of Credit Number: **215**

Issued By: **Patterson State Bank, P.O. Box 427, Patterson, Louisiana 70392**

Omega Waste Management, Inc.
AI#: 22224
Permit #: P-0324
Trust Agreement

EXHIBIT A
GRANTOR'S DESGNEES

All orders, requests, and instructions by the Grantor to the Trustee shall be in writing, signed by such persons as are designated in this Exhibit A, or such other designees the Grantor may designate by amendment to Exhibit A.

Joe'al Berry **President**